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BRIZE NORTON RAF UK REVISED UNIFORM SUMMARY OF SURFACE

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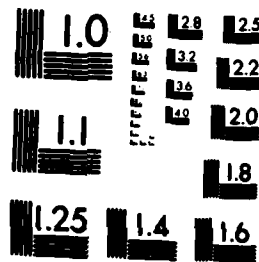
WEATHER OBSERVATIONS PART 8-FC(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

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UNCLASSIFIED

NOV 87 USAFETAC/DS-87/878

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

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UK 036490

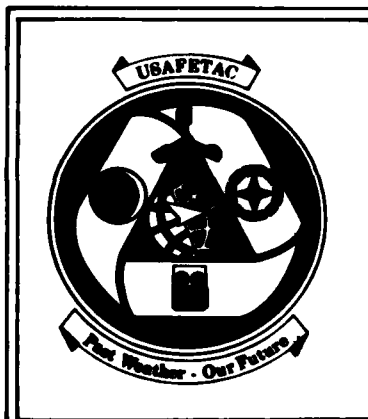
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**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

BRIZE NORTON RAF UK MSC 036490
N 51 45 W 001 35 ELEV 285 FT EGVN
PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: AUG 51 - NOV 55,
AUG 56 - MAR 65 NOV 10 1987

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REPORT DOCUMENTATION PAGE

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19. Abstract: *BRIZE NORTON RAF UK* A six-part statistical data summary of surface weather observations for: ~~Zaragoza AB Spain~~. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
20. Distribution/Availability of Abstract: Same as report.
21. Abstract Security Classification: UNCLASSIFIED.
- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NUMBER: D36490 STATION NAME: BRIZE MORTON RAF UK

CALL ID: EGVN

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000 - 2300 LST

HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: AUG 51 - NOV 55, AUG 56 - MAR 65*

TIME CONVERSION LST TO GMT: 0

DATE PRODUCED: 5 NOV 87

* NO AMS FROMS 10/10A AVAILABLE AFTER MAR 1965.



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OL-A/USAFETAC/MAC/AMS
ASHEVILLE NC 28901

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AMS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WHO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
036490	Brize Norton RAF, UK	51° 45' N	001° 35' W	285	FGVN	

STATION LOCATION AND INSTRUMENTATION HISTORY									
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Brize Norton RAF UK	RAF	Apr 51	Jul 51	51 45 N	001 35 W	283	283	0
2	Same	RAF	Aug 51	Apr 55	Same	Same	Same	Same	24
3	Same	RAF	May 55	Dec 55	Same	Same	Same	277	24
4	Same	RAF	Dec 55	Jul 56	Same	Same	Same	Same	Deact
5	Same	RAF	Aug 56	Nov 56	Same	Same	284	Same	13
6	Same	RAF	Dec 56	Mar 57	Same	Same	Same	Same	24
7	Same	RAF	Apr 57	Feb 61	Same	Same	287	294	24
8	Same	RAF	Mar 61	Mar 64	Same	Same	Same	336	24
9	Same	RAF	Apr 64	Apr 65	Same	Same	Same	300	24
10	Same	RAF	Apr 65		Same	Same	285	Same	Deact
11	Same	RAF	Apr 65	Jul 87	Same	Same	Same	Same	24*

*Obs taken by RAF personnel.

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 53	Atop control tower	AN/GMQ-1	None	50	
2	Mar 54	Atop hangar 75 Ft W of WX Stn	Same	None	52	
3	May 55	Same	Same	None	70	
4	Sep 56	Atop hangar 29 100 Ft W of WX Stn	Same	None	75	
5	Apr 57	1/2 mi S of WX station	AN/GMQ-1	None	13	
6	Apr 58	Same	Same	GMQ-11	15	
7	Jul 87	Unknown	Unknown	Unknown	Unknown	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1960) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZL NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURLS (LST)	1STMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
0-5		14.2		4.1		17.2	13.2	8.9			12.1	796
6-10		14.4	.1	4.5		17.6	14.4	8.5			12.9	799
11-15		14.3	.3	5.4		18.1	14.1	8.4			12.5	799
16-20		14.2		6.5		20.0	12.5	7.6			10.3	794
21-24	.1	15.5	.1	6.1	.1	19.9	6.7	10.2			16.9	793
25-27		13.6		5.4		14.4	7.1	11.2			18.3	798
28-30		11.1		2.9		13.0	12.0	11.1			13.1	800
31-33		12.0		2.8	.1	14.3	15.3	9.3			14.5	799
TOTALS		13.7	.1	4.7	.0	17.3	11.9	9.4			11.3	6378

STATION NUMBER: 076490 STATION NAME: BRIZL NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB

HOURLS (LST)	1STMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
0-5		12.4	1.2	3.1		16.8	15.1	16.8			11.9	667
6-10		12.9	.3	3.9		17.0	17.1	18.3			15.4	672
11-15		13.0	1.0	4.1		17.8	19.6	17.7			17.3	678
16-20		12.1	.4	5.0		17.4	14.8	22.2			16.9	677
21-24		15.2		4.5		19.6	4.9	19.3	.4		14.5	673
25-27		14.7		5.2	.1	19.0	3.4	16.1	.4		12.0	667
28-30		11.5		3.3		14.4	7.1	16.7	.4		16.3	672
31-33		12.6	1.0	2.9		16.6	13.6	16.6			10.3	674
TOTALS		13.1	.5	4.0	.1	17.2	11.9	16.5	.2		10.6	5340

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036492 STATION NAME: BRIZ MORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURLS (EST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSI TO VISION	TOTAL OBS
01-02		15.7		1.1		16.6	10.9	10.0			20.9	740
03-05		19.0		2.3		23.2	15.7	9.9			25.6	738
05-08		20.0		3.9	.1	23.3	14.4	10.7			25.1	741
09-11		22.0		3.8		24.7	3.6	12.2			15.6	740
13-14	.1	22.4		2.3	.3	24.6	.1	7.8			7.9	732
15-17		22.0		1.8	.1	24.1	.3	7.6			7.8	740
19-20		16.6		1.2	.3	18.1	1.6	8.7			10.3	739
21-23		15.6		1.6		16.7	4.7	9.3			14.0	743
TOTALS	.2	19.3		2.3	.2	21.0	6.4	9.5			15.9	5913

STATION NUMBER: 036492 STATION NAME: BRIZ MORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: APR

HOURLS (EST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSI TO VISION	TOTAL OBS
01-02		13.6		1.3		13.6	5.7	11.4			17.1	718
03-05		14.7		.6		12.1	12.6	11.7			14.3	717
05-08		10.7		.7		11.3	12.7	15.2			17.8	719
09-11		10.5		.6		10.7	2.2	12.6			14.8	717
13-14		11.5			.1	11.4	.1	6.2			6.3	710
15-17	.1	11.6		.3	.1	12.1	.1	4.3			4.5	717
19-20	.4	10.7		.6		10.5	.7	6.1			6.8	722
21-23		5.4		1.1		6.7	2.1	4.3			10.4	713
TOTALS	.4	11.1		.7	.1	11.1	4.6	9.5			14.3	5733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 216490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR GRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-01	.1	11.7		.1		11.9	9.9	11.1			20.9	741
01-02		11.7				11.7	22.3	11.7			34.1	743
02-03	.1	13.0				13.4	13.7	15.5			29.2	746
03-04		14.6				14.6	1.1	11.9			13.0	741
04-05	.5	16.0		.1		16.1		7.9			7.9	737
05-06	.7	15.0		.5	.3	15.4		6.6			6.6	740
06-07	.7	12.3				12.3	.1	6.6			6.1	739
07-08	.1	12.5		.3		12.5	3.0	9.0			12.0	743
TOTALS	.3	12.5		.1	.3	13.5	6.3	10.0			16.2	5930

STATION NUMBER: 216490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR GRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-01	.6	12.0				12.0	6.1	14.2			10.3	706
01-02	.3	11.7				11.7	16.6	13.5			30.1	712
02-03		11.9				11.9	6.9	14.3			21.2	706
03-04		1.1				1.1		8.7			8.7	713
04-05	.4	4.6				4.6	.1	4.1			4.2	709
05-06	1.1	9.0				9.0	.1	3.4			3.5	711
06-07	.4	12.4				12.4		2.8			2.8	702
07-08		7.9				7.9	1.7	8.5			10.2	705
TOTALS	.4	12.6				12.7	2.9	8.7			12.6	5664

REF: 71 CLIMATELOGY BRANCH
 (SECRET)
 ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 12495 STATION NAME: BRIZ NORTON RAF UK

PERIOD OF RECORD: 78-87
 MONTH: JUL

TIME	TSMS	RAIN L/HR DRIZZLE	FRZING RAIN L/HR DRIZZLE	SNOW L/HR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/HR HAZE	BLOWING SNOW	DUST L/HR SAND	% OBS W/CEST TO VISION	TOTAL OBS
0000	06	9.2				9.2	3.5	14.3			17.8	721
0100	03	7.0				7.8	13.0	17.0			30.0	729
0200	07	10.5				10.5	5.7	17.5			23.2	716
0300	07	7.0				7.8	0.4	10.4		.1	11.0	728
0400	04	3.4				3.4	.1	6.6			6.8	723
0500	03	0.4				0.4		4.8			4.8	734
0600	01	7.0				7.2		5.7			5.7	725
0700	01	7.0				7.8	1.1	10.9			12.0	722
TOTAL	04	7.8				7.8	3.0	10.9		.0	13.9	5798

STATION NUMBER: 12495 STATION NAME: BRIZ NORTON RAF UK

PERIOD OF RECORD: 77-86
 MONTH: AUG

TIME	TSMS	RAIN L/HR DRIZZLE	FRZING RAIN L/HR DRIZZLE	SNOW L/HR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/HR HAZE	BLOWING SNOW	DUST L/HR SAND	% OBS W/CEST TO VISION	TOTAL OBS
0000	01	11.4				11.1	4.5	18.8			23.3	799
0100	01	10.2				12.1	14.9	16.0			30.8	821
0200	04	10.0				10.6	13.8	13.6			27.4	806
0300	02	9.9				9.9	1.0	12.2			13.2	818
0400	01	1.0				10.8		6.6			6.6	818
0500	01	10.0				11.0	.1	6.3			6.4	811
0600	02	9.8				7.0	.9	4.8			9.7	803
0700	04	7.0				7.0	2.1	12.1			14.2	808
TOTAL	07	1.4				10.4	4.7	11.6			16.5	6444

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: PRIZE MORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURLS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNO- E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CHST TO VISION	TOTAL OBS
01-02	.5	10.3				10.3	10.9	12.1			23.0	796
07-08	.1	11.6				11.8	20.6	6.4			29.2	798
09-09		10.8				10.8	20.6	8.2			28.8	793
10-11		8.6				8.6	2.8	11.4			14.1	799
10-14	.1	9.4				9.4	.1	7.7			7.9	802
10-17	.1	9.4			.1	8.3	.1	6.4			8.6	805
10-20	.3	9.7				9.7	.8	12.3			13.1	796
11-23	.6	10.1				10.1	2.6	15.6			18.2	796
TOTALS	.2	9.9			.0	9.9	7.3	10.5			17.9	6385

STATION NUMBER: 076490 STATION NAME: PRIZE MORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURLS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNO- E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CHST TO VISION	TOTAL OBS
01-02		12.9				12.9	17.2	9.6			26.8	835
07-08		12.6				12.6	22.0	7.6			29.5	833
10-09		13.9				13.9	21.9	9.3			21.3	835
10-11		12.4				12.4	5.9	11.6			20.5	831
10-14		12.3				12.3	1.0	8.6			10.1	829
10-17	.1	14.2				14.2	.5	9.4			9.9	830
10-20	.1	12.4				12.4	3.7	11.0			14.7	835
11-23		11.4				11.4	9.0	11.0			20.6	831
TOTALS	.2	12.7				12.7	10.7	9.8			20.4	6659

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 026490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: NOV

GROUPS (LIST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/CLSD TO VISION	TOTAL OBS
1-5		15.6		.1		15.9	14.2	9.6			23.8	604
6-10		14.0		.2		14.0	15.6	7.9			23.6	606
11-15		14.3		.5		14.3	17.8	6.2			24.1	602
16-20		13.6		.5		13.7	12.2	7.7			20.2	601
21-25		14.1		.5		14.6	4.9	8.7			13.6	603
26-30	.1	16.8				16.8	6.3	9.6			15.9	605
31-35		16.1		.1		16.1	8.1	10.9			19.0	601
36-40		13.9		.1		13.6	11.9	9.7			21.6	604
TOTALS	.1	14.6		.3		14.9	11.4	8.8			20.2	6426

STATION NUMBER: 026490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: DEC

GROUPS (LIST)	TSTMS	RAIN L/DR DRIZZLE	FRZING RAIN L/DR DRIZZLE	SNOW L/DR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/DR HAZE	BLOWING SNOW	DUST L/DR SAND	% OBS W/CLSD TO VISION	TOTAL OBS
1-5		15.9	.2	1.1		16.9	19.2	5.8			23.9	631
6-10	.1	17.5		1.9		19.1	16.9	7.0			23.9	629
11-15		20.1		2.3		22.3	17.5	5.8		.1	23.4	629
16-20		17.6		2.7		20.1	15.9	5.2			21.1	630
21-25		14.6		2.3		16.9	8.6	5.8			17.4	629
26-30		16.6		1.9	.1	18.6	8.6	10.3			19.1	622
31-35		16.6		2.0		19.2	15.1	7.2			22.3	630
36-40		17.5		1.2		18.6	17.2	6.7			23.9	632
TOTALS	.1	17.5	.2	1.9	.1	19.1	16.7	7.1		.1	21.9	6632

CLERICAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURPLY OBSERVATIONS

STATION NUMBER: 070450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTHS (LIST)	TESTS	WIND E/100 GRIZZLE	FRZING RAIN E/100 GRIZZLE	SNOW E/100 SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/100 HAZE	BLOWING SNOW	DUST E/100 SAND	% OBS W/100 TO VISION	TOTAL OBS
JAN	ALL	.2	13.7	.1	4.7	.3	17.3	11.9	9.4		21.3	6378
FEB			13.1	.5	4.0	.0	17.3	11.9	16.5	.2	30.6	5380
MAR		.0	14.3		2.3	.2	21.0	6.4	9.5		15.9	5913
APR		.1	11.1		.7	.0	11.5	4.5	9.5		14.0	5733
MAY		.2	13.5		.1	.0	13.5	6.3	10.0		16.2	5930
JUN		.4	10.6				10.6	3.9	6.7		12.6	5664
JUL		.4	7.0				7.6	3.0	10.9	.0	13.9	5798
AUG		.3	13.4				10.4	4.7	11.8		16.5	6484
SEP		.2	9.9			.0	9.9	7.3	10.5		17.9	6385
OCT		.0	12.7				12.7	10.7	9.8		20.4	6659
NOV		.0	14.0		.3		14.5	11.4	8.8		20.2	6426
DEC		.0	17.3	.0	1.9	.3	19.0	14.8	7.1	.0	21.9	6632
TOTALS		.1	12.9	.1	1.2	.7	13.8	8.1	10.4	.0	18.5	73382

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GENERAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR STATION SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 040450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.5	1.2	.5	1.0		.4	.1				3.9	10.3
090	.9	.3	1.7	.5							3.0	7.8
90	.4	.9	1.3	1.0	.4	.4					4.3	10.8
180	.5	1.6	.8	.5	.4						4.6	8.6
0	1.0	.6	.6	1.9	.3						4.4	9.3
180	1.2	.4	.4	.5	.1						2.8	6.7
0	.8	.4		.7							1.3	5.2
180	1.1		.3	.5	1.0						3.0	10.8
0	.5	.5	1.1	.5	.5	.1					3.3	10.2
180	.8	.5	1.7	1.7	1.1						4.6	10.8
0	1.1	2.4	3.7	7.5	1.5	.3					12.8	10.2
180	2.3	1.0	7.7	4.9	1.5	.7					22.0	9.0
0	1.1	3.1	3.1	3.1	.6	.5					14.3	8.8
180	.4	1.0	.5	1.7	.3	.1					3.8	9.4
0	.4	.1	1.4	.9	.3						3.0	9.7
180	.1	.5	.5	.5	.1						2.4	9.3
UNKN												
GRAND TOTAL	15.7	19.2	24.2	24.1	8.4	2.0	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 796

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 7A-87
MONTH: JAN HOURS(LST): 0300-0500

LOCATION (Longitude)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
1	1.0	.5	.8	1.4	.1		.4					4.1	10.4
20E	.4	.3	1.0	1.5		.4						3.9	11.4
30E	.5	.2	1.1	.8	.4							3.6	8.7
40E	.4	.5	1.3	.5	.8							3.6	10.5
5	1.0	1.3	.6	1.1	.3							4.5	7.7
15E	.3	.4	1.1	.4	.1							2.3	8.4
20	.5	.6	.4	.1								1.6	6.2
30E	.6	.4	.4	.6	.1	.3	.1					2.5	11.0
4	.4	.6	.8	.2	.5	.1						3.3	10.5
50E	.7	1.4	.9	.9	.4	.4						4.6	9.5
60	1.3	2.7	3.4	3.0	.9	.3	.1					11.5	10.1
65E	2.5	4.0	7.8	5.1	1.5	.5						23.3	9.1
7	2.5	2.5	3.8	2.1	.6	.1						13.6	8.4
100E	.5	.2	1.0	2.1	.5	.1						5.1	10.6
10E	.5	.5	.5	1.1	.1							3.2	8.5
10E	1.0	.4	.5	1.1	.1							3.3	7.8
UNCLASS	////////////////////////////////////										6.1	////	
TOTAL	19.5	17.5	45.8	47.2	6.4	2.1	.5					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 794

CLIMATE PHYSIOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE MORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(IST): 0600-0800

DIRECTION (0-359)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	.0	.1	1.0	1.0	.7	.1					3.9	11.5
15N	1.0	1.3	1.7	.0	.1	.7					4.8	8.2
30	.3	.4	1.4	.4	.4						3.1	9.6
45	.2	1.4	1.1	1.0	1.3	.1					6.3	9.9
60	.4	.4	.4	.1	.4						2.8	8.2
75E	.6	.4	.3	.1							1.8	5.1
90	.5	.4	.8	.1		.1					2.1	7.5
105E	1.0	.1	.3	.5	.1						2.0	7.4
120	.0	1.1	.8	.0	.1						3.4	7.3
135	.0	.0	1.4	1.0	.4						5.1	8.8
150	1.4	2.5	3.8	4.7	1.0	.7					13.1	9.8
165	1.4	4.9	5.4	6.4	1.4	.7	.5				20.7	10.3
180	2.4	1.4	4.0	7.0	.3	.1					12.4	9.1
195W	.2	.5	1.3	2.5	.3						5.4	10.3
210	.4	.1	1.8	1.0							3.9	8.1
225		.7	1.6	.0							2.8	9.5
UNTABLE												
SUM	////////////////////										6.6	////
TOTALS	13.6	18.7	20.7	20.7	5.1	1.7	.6				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.0	.6	1.5	1.0	.4	.4		5.7	10.1
NNE	.7	1.0	1.1	.8				3.6	6.9
NW	.6	.8	1.8	.4	.3			4.0	8.5
NNW	.6	1.4	1.4	1.7	.9			5.5	9.8
E	1.6	.6	.4	.2	.1	.1		3.1	6.1
ESE	.5	1.0	.6		.4			2.6	7.4
SE	.5	.3	1.0	.4				2.1	7.1
SSE	.9	.3	.5	.5	.1			2.3	6.9
S	1.1	1.4	1.1	.4	.5	.3		5.2	8.9
SSW	.3	1.1	1.4	1.6	.4			5.4	9.2
SW	1.4	2.3	3.5	5.3	.9	.3		13.6	10.1
WSW	1.3	3.7	5.3	4.4	1.5	.1	.1	16.9	10.0
W	1.6	1.9	3.7	4.5	1.1	.0		13.6	10.7
WNW	1.0	1.0	.8	2.0	1.4	.1	.3	6.5	12.2
NNW	.7	.5	1.7	1.1	.1			3.3	9.1
NNW	.5	.3	1.1	1.0				2.9	8.9
VARIABLE									
CALC	////////////////////////////////////							3.4	////
TOTALS	14.5	18.7	26.6	27.0	5.1	2.1	.4	100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
HAFELTAG
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076493 STATION NAME: BRIEF HORTON RAF UK

PERIOD OF RECORD: 7P-86
MONTH: JAN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.9	2.6	7.9	.1	.2					7.4	11.3
NNE	.8	.3	.5	1.1	.1						2.8	8.1
NNE	.7	.9	1.6	1.5	.4						4.7	9.6
NNE	.8	.6	1.4	1.4	.5	.1					4.8	10.1
E	1.0	.9	.4		.6						2.9	7.7
ESE	.8	.7	1.0	.5							2.6	7.1
SE	.4	.1	.5	.5							1.5	8.3
SSE	.5	.7	1.0	.6							2.4	8.1
S	.5	1.7	1.0	1.1	.1	.7					4.3	9.2
SSE	.6	1.0	1.4	2.5	.6	.5					6.9	11.3
SSE	.5	1.6	3.4	4.5	.5	.7					10.8	10.7
SSE	.7	1.7	6.2	5.7	2.1	.8					16.9	11.5
S	.5	1.6	2.5	5.1	3.7	1.0					15.9	12.9
SSE	.4	.1	1.0	2.5	1.3	.6					5.9	14.2
SSE	.3	.1	1.8	1.6	1.1	.4					5.3	13.2
SSE	.3	.4	1.0	1.1	.1	.1					2.9	10.4
VARIABLE	.1										.1	2.0
CALC	////////////////////////////////////										1.8	////
TOTAL	7.4	11.6	27.7	37.7	11.3	4.4					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 7.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016490 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 7P-87
MONTH: JAN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.0	2.6	1.6	.6	.7					6.9	10.2
NNE	.1	1.3	1.6	.3	.1						3.4	7.8
NE	.6	.4	1.5	.4	.1						3.0	7.5
NNE	.4	.5	.8	1.3	.9	.4					4.1	12.5
E	1.1	.3	1.6	1.1	.1						4.3	8.4
ESE	1.4	.6	.8	.1							2.9	5.3
SE	.1	.4	.5	.1							1.6	8.8
SSE	.9	.7	.5	.5	.3						2.6	8.2
S	.5	2.3	.8	1.7	.5						5.3	8.3
SSW	.4	1.8	2.0	1.7	.1	.1					5.6	8.2
SW	.7	1.4	3.3	3.7	.6	.4					10.0	10.2
WSW	1.4	2.0	5.1	6.7	1.8	.9					17.2	11.1
W	1.4	1.5	4.1	4.4	1.9	.5					14.2	10.7
WNW	.3	1.0	.5	2.1	1.4	.4	.1				6.0	13.3
W	.7	.5	1.4	1.0	.4	.3					4.6	11.2
WNW	.5	.8	1.5	2.3		.1	.3				5.4	10.9
VARIABLE												
CALC	////////////////////////////////////										1.9	////
TOTALS	11.5	14.7	26.9	24.2	4.4	3.3	.4				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 796

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1400-2000

TRIAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFLTAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 376490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
 MONTH: JAN HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
0	.8	1.6	.8	1.7	.4	.1	.3					5.1	10.0
100	.4	.9	1.1	.8		.1						3.6	8.3
110	1.0	.6	1.3	.8	.4	.1						4.1	8.7
120	.7	.5	1.1	1.4	.4	.4						4.0	11.7
130	1.4	.5	.4	1.6	.1							4.0	8.0
140	.6	.6	.8	.5								2.5	7.4
150	.5	.1	.3									.9	4.1
160	.5	.3	.1	.8	.4							2.1	10.0
170	.4	.5	1.7	.8	.5	.1						4.0	9.3
180	1.1	.9	2.1	2.1	.4							6.6	9.2
190	1.6	2.6	3.0	2.1	1.5	.3						13.1	9.2
200	1.8	4.5	5.8	6.7	1.5	.5						20.3	9.9
210	2.0	3.0	4.5	2.0	.5	.4						14.0	8.1
220	.5	.5	1.0	1.7	.4	.1						3.5	10.0
230	.3	.5	1.2	.8	.3							2.9	9.5
240	.7	1.1	1.0	1.0	.3							4.5	8.9
VARIABLE													
CALL	////////////////////////////////////											4.6	////
TOTALS	15.1	19.0	26.5	24.7	6.9	2.1	.7					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM FOURLY OBSERVATIONS
AIR WEATHER SERVICE/PAC

STATION NUMBER: 076492 STATION NAME: PRIZE MORTON RAF UK

PERIOD OF RECORD: 7P-87
MONTH: JAN HOURS(1ST): ALL

WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL Σ	MEAN WIND
N	.6	.9	1.4	1.1	.3	.1	.2					5.4	10.6
NNE	.6	.7	1.1	.1	.1	.1						3.6	8.6
NE	.5	.7	1.4	.7	.3	.1						3.8	9.1
NNE	.6	.6	1.1	1.1	.8	.1						4.5	10.3
E	1.2	.7	.7	1.1	.3	.3						3.9	8.1
ESE	.4	.6	.7	.4	.1							2.5	6.8
SE	.5	.4	.4	.7	.7	.7						1.7	6.9
ESE	.9	.3	.4	.4	.3	.7	.1					2.5	8.6
S	.7	1.1	1.1	.1	.4	.1						4.2	8.8
SSE	.3	1.1	1.5	1.7	.4	.1						5.7	9.4
SE	1.2	2.4	3.3	4.1	1.3	.1	.1					12.2	9.9
SSE	1.7	3.4	6.1	5.7	1.6	.5	.1					19.4	10.0
S	2.2	2.3	3.0	3.5	1.3	.7						14.1	9.7
SSE	.6	.7	1.0	1.1	.7	.7	.7					5.0	11.6
SW	.3	.5	1.3	1.1	.3	.1						3.7	10.2
WSW	.4	.7	1.3	1.1	.1	.7	.1					3.6	9.2
VARIABLE	.1											.0	2.0
UNKN	////////////////////////////////////											4.4	////
TOTALS	15.4	17.6	26.8	26.1	1.9	2.5	.7					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 6377

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.6	1.0	1.6	1.2	.9						5.8	10.2
15	1.5	1.8	3.4	1.0	.6						8.5	7.9
30	1.0	3.7	5.1	4.5	.9						15.7	9.4
45	.7	1.7	1.9	2.1	1.0	.3					7.6	10.4
60	1.5	1.3	2.5	1.9	.3	.7					8.4	9.5
75	.2	.7	1.0	.7							2.4	7.4
90	.2	.4	1.5	.7	.4						3.0	9.2
105	.4	1.3	.6	.6	.1						3.1	7.4
120	.4	.9	1.2	2.2	.4						5.4	9.8
135	1.7	.7	1.5	.7	.4						4.8	8.0
150	1.5	1.7	1.5	1.8	.4	.3					6.6	9.3
165	2.4	1.6	1.9	2.5	1.2	.1					9.9	9.3
180	2.4	2.7	1.5	.9	.6	.4					8.8	7.9
195	.4		.6	.7							2.1	8.2
210			.7	.7							1.0	9.6
225	.6	.4	.6	.1	.4						2.2	8.3
240												
255												
270												
285												
300												
315												
330												
345												
360												
UNKN												
TOTAL	5.7	19.4	29.2	22.7	7.0	1.7					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 056497 STATION NAME: BRIZE NORTON WAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	.6	2.1	1.1	.6	.1					5.7	10.1
NNE	1.5	.9	3.7	2.0	.1						9.2	8.8
NEL	1.6	1.8	5.7	2.1	.9	.4					12.4	9.3
E	1.3	.9	3.2	2.0	1.9	.1					9.8	10.6
ESE	1.9	1.8	1.3	1.6	.4	.7					7.3	8.1
SE	1.3	1.0	1.3	.3							4.0	5.8
SSE	.6	.1	1.3	.4							2.5	7.7
S	.6	.3	.9	.7							2.1	7.0
SSW	.4	1.0	2.2	2.7							6.4	9.5
SW	.7	.7	.9	1.5	.1						4.0	9.2
WSW	1.6	1.5	.6	1.3							4.9	7.3
W	2.4	2.2	2.8	2.4	1.2	.3					11.3	8.9
WNW	1.2	2.4	1.0	1.0	.6	.1					6.4	8.4
W	.4	.3	1.2	.7		.7					3.0	9.9
WNW	.3	.7	.4	.4	.4	.1					2.5	9.8
WNW	.1	.6	.6		.6						1.9	9.9
VARIABLE												
CLIP	////////////////////										6.4	////
TOTALS	16.6	17.0	29.2	21.0	7.2	1.7					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 015490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.6	.1	2.7	1.6	1.3						6.5	11.3
090	1.9	1.6	3.1	1.3	.1						8.0	7.3
180	1.2	2.4	4.7	3.1	.6	.1	.3				12.4	9.2
190	2.3	2.1	3.7	3.4	1.5						12.8	9.6
0	1.3	2.2	1.9	1.7	.3	.4					7.2	8.6
150	2.5	.4	1.0								4.0	4.2
00	.7	.6	1.0	.7							2.7	6.4
050	.4	.4	1.2	.4							2.5	7.3
0	1.2	1.0	1.5	1.0							5.5	8.5
150	.6	.7	1.3	2.5							5.2	9.6
00	1.8	1.0	1.3	.7	.1	.1					5.0	6.9
120	2.4	1.0	3.1	2.5	.9						10.6	8.6
0	2.5	1.4	1.3	1.7	.1	.1	.1				7.1	6.9
000	.3	.3	.6	.4	.3	.1					2.1	11.3
00	.4	.7	.6	.7	.1	.1					2.4	8.1
000		.3	.0	.1		.3					1.6	11.9
VARIABLE												
CALC	////////////////////											4.6
TOTALS	19.5	17.6	25.5	20.3	5.5	1.5	.4				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,67
MONTH: FEB HOURS: 1100-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	.7	2.7	1.5	.7						6.8	10.2
NNE	1.0	1.7	1.3	1.7	.3						5.0	8.2
ENE	1.0	1.7	3.1	2.7	.6	.4					9.9	10.0
E	1.3	1.0	3.7	5.1	1.9	.4					13.4	11.2
ESE	1.3	2.5	3.0	2.7	.4	.4					10.3	9.0
SSE	1.9	1.3	1.0	.3							4.4	4.8
S	1.2	.4	1.0	.7							3.4	7.0
SSW	1.2	.7	1.3	1.0							4.6	7.5
WSW	1.0	.4	1.5	2.5	.4						6.4	9.8
W	1.2	.7	1.2	2.4	.1						5.2	9.5
WNW	.7	1.2	1.6	1.9							5.5	8.6
NW	1.3	2.4	2.4	2.5	.7						10.3	9.4
NNW	.9	.7	1.0	1.7		.1					4.4	8.7
NNE	.3	.3	.6	.6	.1		.1				2.1	10.4
N	.7	.4	.6	1.0	.3	.1	.1				3.0	11.9
NNE	.4	.7	.7	.7	.3	.4					2.5	11.9
UNAVAILABLE												
CALC	////////////////////										2.8	////
TOTAL	16.5	15.2	27.6	24.7	6.1	2.1	.7				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 677

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076450 STATION NAME: BRILL MORTON RAF OM

PERIOD OF RECORD: 7A-85
MONTH: FEB HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-15	16-21	22-27	28-33	34-40	41-47	48-55	56-60		
0	.4	.7	1.0	2.1	1.3	.1					5.8	12.1
10	.7	.7	1.6	1.7	.3						4.3	9.7
20	.1	.6	1.3	4.1	.6	.8					7.3	12.6
30	.4	1.3	4.0	6.5	2.1	.3					14.7	11.9
40	.7	1.6	1.3	2.7	.9	.7	.3				7.9	11.2
50	1.7	1.7	2.4	2.7	.4						8.3	8.3
60	1.0	.9	1.6	.7							4.5	7.2
70	1.5	.4	1.3	1.6	.1						5.2	8.2
80	.7	.9	4.5	1.4	1.3						7.4	10.7
90	.6	1.0	1.6	2.1	.1						5.4	9.7
100	1.3	.4	1.0	2.1	.6						6.5	10.1
110	.4	1.4	3.0	2.7	1.3						9.8	10.4
120	.1	.7	.9	1.7	.4	.4					3.6	13.3
130	.4		.4	.6	.6						2.4	11.8
140		.1	.6	1.5	.7	.1					3.1	13.9
150	.2	.7	1.7	1.1	.1	.4					3.4	11.5
UNKN												
TOTAL	11.7	11.9	24.0	27.1	11.1	2.2	.3				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 673

CLIMATE CLIMATOLOGY BRANCH
 USAF/CLAC
 WIT: HEATHER JEPVILL/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 170497 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
 MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
0	.4	.6	1.6	.7	.7	.1						6.6	11.3
15		.7	2.4	2.2	.1	.1						5.7	10.8
30	.1	.4	2.8	4.4	.1	.3						8.7	11.3
45	.4	1.7	2.4	6.3	2.1	.4	.3					13.7	13.2
60	.4	1.6	3.1	1.7	.4	.1						9.6	7.8
75	1.2	1.7	1.5	1.7	.6							5.5	8.3
90	1.7	1.7	1.3	.7								4.8	6.9
105	1.7	.1	.4	1.6								3.3	5.0
120	.3	1.7	2.4	1.7	.7							7.5	10.7
135	.7	.6	1.5	2.7	.6							6.1	10.1
150	.7	1.7	1.3	2.7	.3							5.4	10.2
165	.4	1.5	2.1	2.7	.6	.3	.1					7.9	10.8
180	.6	.1	1.6	1.7	1.7	.3	.1					4.8	13.2
195	.1	.7	1.7	1.7	.4	.1						4.7	10.7
210		.6	.4	.7	.7							2.8	12.7
225	.7		1.7	.7		.4						2.5	10.8

WIND SPEED													
WIND	////////////////////											1.5	////
TOTALS	8.7	12.7	27.1	20.6	5.7	2.4	.4					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 667

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(DST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
0	0.7	1.7	2.1	1.5	0.6	0.9					7.1	11.5
15	1.0	1.2	1.8	1.5	0.8	0.1					6.7	8.8
30	1.0	1.0	2.1	5.4	0.3						9.8	10.0
45	0.7	1.0	3.1	5.1	1.5						12.2	10.7
60	1.0	1.2	1.5	2.4	0.4	0.7					9.5	8.9
75	0.8	1.2	1.3	0.7	0.4	0.1					4.6	8.6
90	1.0	0.3	0.9	1.0							4.0	7.9
105	0.1	0.6	1.7	0.5							3.0	8.8
120	0.7	1.2	1.1	1.0	0.6	0.1					6.5	9.6
135	0.6	1.0	1.2	1.2	0.3	0.1					6.2	9.6
150	1.0	1.7	1.2	1.5	0.7						5.4	8.4
165	0.7	1.7	3.3	2.1	0.7	0.7	0.1				9.8	10.3
180	1.0	2.1	1.0	0.5	0.5	0.1					5.7	7.6
195	0.6	0.5	0.2	1.7		0.1					3.3	6.6
210		1.2		0.5							2.1	9.2
225	0.3	0.7	0.3	0.1	0.3	0.1					2.1	9.4
VARIABLE												
GRAND TOTAL	////////////////////////////////////										3.0	////
TOTAL	10.4	20.1	43.7	31.0	6.2	3.0	0.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 670

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AFD WATKINS SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 72-85,87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
0	1.7	1.7	2.5	1.7	.6	.3		7.0	9.2
15	1.7	1.0	1.2	1.7	.9	.1		5.9	9.1
30	1.7	2.5	4.5	3.6	.7	.1		13.5	9.1
45	.3	1.6	4.9	4.1	.7	.1		12.8	10.2
60	2.2	1.0	1.2	2.4		.9		7.7	9.1
75	1.5	.7	1.6	.9	.1	.1		5.0	7.6
90	.2	.3	.7	.3	.1	.1		1.9	9.5
105	.1		1.0	1.0				2.2	9.5
120	.7	1.6	1.3	2.4	.3	.1		6.5	9.6
135	1.0	1.0	1.0	1.6	.3			5.3	9.4
150	.3	1.0	1.0	1.0	.7			6.7	9.1
165	1.0	3.6	2.1	2.7	.4	.3		10.1	8.9
180	1.0	3.0	.9	1.0	.4	.3		7.1	7.9
195	.4	.4	.9	.3				2.4	8.0
210			.1	.7				.9	12.7
225	.3	.5	.1	.3	.3			1.6	9.1
240									
255									
270									
285									
300									
315									
330									
345									
360									
UNCLASSIFIED									
TOTAL	17.7	24.7	25.4	27.1	5.3	2.7		100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 679

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016497 STATION NAME: RPIZE WORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.4	.8	2.1	1.8	.9	.7					6.4	10.7
090	1.1	1.1	2.3	1.7	.4	.1					6.7	8.7
90	1.0	1.7	3.7	3.4	.6	.2	.0				11.2	9.9
180	1.0	1.4	3.3	4.4	1.6	.2	.7				12.1	11.0
270	1.7	1.0	2.0	2.0	.4	.5	.0				8.5	9.0
360	1.4	.9	1.4	.8	.2	.0					4.8	7.1
045	.9	.6	1.2	.7	.1	.0					3.3	7.6
135	.7	.5	1.0	1.0	.7						3.8	8.1
225	.7	1.0	1.9	2.2	.5	.3					6.5	9.8
315	.4	.9	1.3	2.0	.3	.0					5.3	9.4
015	1.1	1.2	1.2	1.4	.7	.1					5.7	8.8
030	1.4	2.0	2.6	1.9	.9	.2	.3				9.9	9.6
075	1.2	1.7	1.2	1.1	.5	.3	.3				6.0	8.8
105	.4	.4	.8	.8	.2	.1	.3				2.7	9.9
150	.1	.5	.4	.4	.3	.1	.3				2.2	11.1
210	.2	.4	.7	.4	.3	.2					2.2	10.5
UNKN												
VERIALLY												
090	////////////////////										3.3	////
TOTAL	14.7	16.9	27.2	24.1	7.3	2.2	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 5776

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON AFB OK

PERIOD OF RECORD: 7P-85
MONTH: MAR HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.6	1.4	1.2	.3	.1					6.1	8.1
NNE	1.5	.7	1.2	1.6	.3						5.6	7.9
NE	.9	1.4	1.5	1.4		.4					6.1	9.2
NNE	.8		.8	.6	.4						2.6	8.9
E	1.2	.7	.1	.4							2.0	5.3
ESE		.3	.6	.4							2.0	9.4
SE	.2	.9	.8	.1	.1						2.3	6.9
SSE	.4	.4	1.2	.1							2.2	6.8
S	1.5	1.1	1.6	1.5	.3	.4					6.6	8.6
SSW	1.5	.4	1.5	3.1	1.2	.7					8.4	11.8
SW	1.4	2.7	3.1	3.4	.5	.5					12.1	9.8
WSW	2.2	5.7	4.2	3.5	1.1	.5					16.8	8.9
W	3.7	4.1	2.0	1.4	.9	.3					11.9	7.3
WNW	.5	1.2	1.5	.4	.1						3.8	7.1
W	.4	1.8	1.8	.7	.3	.4					4.9	8.8
WNW	.4	.7	.5	.4	.3						2.3	8.4
VARIABLE												
DATA	////////////////////										4.3	////
TOTAL	15.0	22.0	24.1	21.4	5.3	3.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 7P-85
MONTH: MAR HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.2	.9	1.5	1.1	.1							4.9	7.8
090	.5	1.4	1.6	1.1	.5	.1						5.3	9.5
90	.5	.9	1.9	1.4	.3							5.0	8.9
180	1.2	.5	.5	.4	.7	.1						3.5	8.8
270	.4	.5	.7	.7								1.9	6.8
030	.3	.7	.8	.5								2.3	7.7
30	.5	1.1	.4	.7								2.7	6.9
150	.5	.5	1.4	.3								2.7	6.9
0	.5	1.6	1.8	1.5	.1							5.6	8.8
090	.9	.5	1.5	2.1	1.5	.3						7.9	12.1
90	.9	1.6	3.7	4.7	.8							11.8	10.0
180	2.7	3.9	4.2	8.1	1.5	.3						16.2	9.1
270	2.9	3.9	2.2	2.7	.3							12.3	6.4
030	.7	.7	1.2	.4	.3							3.3	8.2
30	.5	.5	1.4	.7	.3	.3						4.2	9.3
150	.7	.7	1.1	.7	.3	.1						3.8	8.0
VE-TOTAL													
CLIP	////////////////////											6.9	////
TOTAL	16.1	27.2	25.7	27.0	6.6	1.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 006490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAR HOURS/151: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
0	.2	1.7	1.9	1.6	.3	.1		5.8	8.8
090	1.2	.1	1.5	1.4	1.2			5.4	10.6
09	.5	.7	1.5	.9	.4			3.5	8.8
180	.5	.3	.9	.8	.4	.3		3.2	10.8
1	.9	.9	1.1	.1				3.1	5.7
180	.7	.7	.7	.7				2.7	7.3
30	.7	.7	.8	.6	.1			3.1	7.7
180	.9	.9	1.4	.1				3.4	5.9
0	.4	.9	1.8	1.6				5.3	8.2
090	.5	.9	1.8	4.1	.9	.5		8.6	12.1
09	1.5	2.4	3.9	4.6	.5	.3		13.2	9.7
180	2.2	4.6	3.4	4.7	1.2	.5		16.5	9.4
0	1.9	3.1	2.4	1.1	.7	.7		9.5	7.8
090	.5	.4	.9	.4	.7	.1		2.7	9.4
0	.4	.9	1.8	1.1				4.1	8.7
090	.4	.9	.9	1.4	.4			3.9	9.9
UNDETECTABLE									
CALC	////////////////////							5.9	////
TOTAL	14.5	19.5	26.6	24.7	6.5	2.2		107.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 7P-86
MONTH: MAR HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-40		
0	.4	.4	1.2	2.5	.3			5.1	11.2
10	.5	.4	1.4	2.0	.7	.1		5.4	11.7
20	.5	.4	.9	1.6	.1			3.6	9.8
30	.3	.4	.4	1.5	.3	.8		4.2	12.4
40	.7	.7	1.2	.7				3.5	6.8
50	.5	.5	.1	.7				2.2	6.9
60	.5	.1	.9	.7	.3			2.6	9.1
70	1.4	.4	1.4	1.5	.7	.3		5.1	9.1
80	1.2	.9	2.0	2.5	.5			6.8	9.2
90	.7	1.1	1.6	2.0	1.9	.5		8.8	12.6
100	1.2	.9	2.3	4.5	1.9	.5		11.2	12.1
110	1.1	1.3	4.6	5.2	2.2	1.2		16.2	11.7
120	.7	2.2	2.4	2.7	1.8	.1		9.5	10.5
130	.3	.7	1.2	1.3	1.5	.3		5.7	12.5
140	.3	.4	1.2	1.1	.7	.4	.3	4.3	13.3
150	.1	.1	1.2	1.4	.9			4.9	12.9
VARIABLE								.9	////
TOTALS	11.5	11.5	24.2	32.0	13.5	4.5	.7	100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075450 STATION NAME: PRIZE MORTON RAF WY

PERIOD OF RECORD: 7A-85,87
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.3	1.7	1.2	3.1	1.7						6.6	11.4
10	.5	.1	1.8	1.6	1.0	.4					5.5	11.8
20		.5	1.4	1.8	.5	.1					4.5	12.2
30	.5	.1	.7	.7	.7	.3	.1				3.1	13.1
40	.7	.7	.8	1.0	.5						3.3	10.6
50	.7	.4	.3	.3	.3						1.9	7.6
60	.5		.5	.8	.4	.1					2.5	10.9
70	.5	.1	1.0	1.4	.8						3.8	11.4
80	.3	.5	1.2	2.5	.3	.3					5.9	11.7
90	.7	1.1	2.5	3.7	1.2	.5					9.7	12.2
100	.4	1.7	3.1	4.8	2.2	.3					12.3	12.9
110	.1	.3	3.3	5.7	3.7	1.1					14.2	13.9
120		.7	3.0	4.0	2.6	1.7					11.2	14.3
130	.1	.5	1.8	1.6	1.0	1.1	.1				6.6	14.3
140	.3	.4	1.6	1.1	.4	.1	.1				4.1	11.0
150	.1	.1	.3	3.1	.8	.1					4.7	14.0
VARIABLE												
CALM	////////////////////										.1	////
TOTALS	5.1	6.7	24.5	37.1	17.9	6.7	.4				107.0	12.6

TOTAL NUMBER OF OBSERVATIONS: 751

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/LMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 010490 STATION NAME: BRIZI NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.7	.4	2.4	2.5	.7						5.8	11.0
15	.7	.4	2.5	1.5	1.4						5.7	11.8
30	.4	.2	1.4	2.4	1.2	.4					6.1	12.7
45	.5	.3	.4	.4	.7						2.3	10.1
60	.1	.1	.4	.4	.1						1.6	9.7
75	.5	.1	.4	.3							1.4	6.3
90	14.1	.3	.4	.7	.7						3.0	9.0
105	.3	.7	.7	1.6	.7	.7					4.7	10.5
120	14.1	.9	2.0	1.7	.4						6.2	8.8
135	.5	1.0	1.4	2.2	1.4	.8					9.1	12.4
150	.3	1.1	3.9	4.0	2.6	.7					13.1	12.3
165	.1	.5	3.2	5.7	3.0	1.2					13.5	13.5
180	.7	1.0	1.9	4.1	2.3	.5					10.3	13.0
195	.5	.4	1.5	2.4	1.4	1.1					7.7	13.5
210	.7	.8	1.1	1.5	.3	.4					4.2	11.2
225	.1	.4	2.0	2.7	.3						5.7	10.9
VARIABLE												
DATA	////////////////////										.7	////
TOTAL	74.3	9.1	20.1	34.7	16.8	5.4					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 073492 STATION NAME: BRIZE NOTTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.7	1.7	1.4	1.2							4.7	7.6
09	.9	1.6	2.7	2.6	1.4	.3					9.3	10.4
18	1.1	.5	1.6	1.3	.9	.4					6.2	10.5
27	.3	.3	.1		.5						1.8	8.2
36	.5	.1	.4	.7							1.8	7.3
45	.4	.1	.5	.4							1.5	8.3
54	.2	.1	.1	.5	.3	.1					1.8	11.5
63	.3	.7	.3	1.3	.1	.1					2.8	11.6
72	1.4	1.5	2.3	.9		.1					6.2	7.4
81	1.2	2.3	2.0	2.6	2.8						11.0	11.1
90	1.4	1.0	3.7	2.6	.9	.1					10.4	9.3
99	.7	2.7	4.9	6.6	1.8	.3					16.9	10.8
08	.9	2.0	2.8	2.0	.4	.3	.1				8.7	9.5
17	.9	1.4	1.1	1.1	.8	.1					5.4	10.0
26	.5	.5	1.5	1.2	.1	.4					4.3	10.2
35		1.1	3.1	.4							4.6	7.9
VARIABLE												
CALC	////////////////////										2.6	////
TOTAL	12.3	17.6	18.6	20.7	9.9	2.3	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 006450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.1	.9	1.1	.3						4.3	7.2
NNE	1.2	.9	2.4	2.7	.1						7.1	8.4
NE	.1	.9	2.3	2.6	.7	.1					7.1	10.5
ENE	.9	.4	.4	.4	.3	.3					2.6	9.3
E	.8	.4	.5	.4							2.2	6.3
ESE	.3	.5	.3	.7							1.7	7.4
SE	.4	.5	.7	.1		.1					1.9	7.6
SSE	.4	.7	.9	.4	.3	.1					2.9	9.3
S	.4	1.3	1.6	1.7	.3	.1					5.0	9.2
SSW	.7	2.7	2.8	2.2	1.3	1.1					10.4	11.2
SW	1.3	2.2	4.6	3.1	.3	.4					11.8	9.0
WSW	2.4	2.6	3.5	4.2	1.6	.4					14.8	9.5
W	2.7	1.7	2.4	1.7	.4			.1			10.6	7.2
WNW	.7	.7	1.6	.5	.1	.5		.1			4.6	10.5
WNW	.5	1.7	2.2	.1	.4	.3					5.1	8.5
WNW	.4	2.7	1.7	.1	.1						4.4	7.1
Variable												
CALM	////////////////////										3.5	////
TOTALS	17.5	21.1	26.4	21.0	6.2	3.5		.2			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070490 STATION NAME: PRIZE HORTON RAF UK

PERIOD OF RECORD: 74-87
MONTH: MAR HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.5	1.0	1.4	1.5	.4	.0					5.4	9.3
150	.5	.7	1.8	1.8	.9	.1					6.2	10.2
30	.6	.7	1.6	1.7	.5	.2					5.3	10.4
135	.9	.3	.5	.6	.5	.0	.0				2.9	10.5
0	.7	.5	.7	.5	.1						2.4	7.3
135	.5	.4	.5	.5	.0						2.0	7.6
30	.5	.5	.6	.6	.2	.1					2.5	8.6
150	.7	.5	1.0	.8	.3	.1					3.5	9.1
0	.9	1.2	1.8	1.6	.3	.1					5.9	9.0
150	.9	1.2	1.9	1.1	1.5	.5					9.1	11.9
30	1.0	1.7	3.5	4.1	1.2	.4					12.0	10.7
150	1.3	2.9	3.2	4.4	2.0	.7					15.6	10.7
0	1.7	2.6	2.4	2.3	1.2	.3	.0	.0			10.5	9.4
135	.5	.7	1.4	1.2	.7	.4	.0	.0			5.0	11.4
30	.4	.5	1.6	.8	.3	.3	.1				4.4	10.1
0	.3	.7	1.4	1.4	.4	.0					4.3	10.1
VARIABLE												
CALL	////////////////////										3.1	////
TOTALS	17.6	15.7	26.0	27.5	10.4	3.0	.1	.0			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 5095

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 014540 STATION NAME: BRIZE Norton RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (true)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55		
0	2.2	3.1	2.5	1.1	.4	.6						10.7	8.1
10	1.9	2.4	3.3	1.4	.8							10.3	8.2
20	1.1	2.1	4.0	2.4	.7							10.4	8.9
30	1.7	1.7	.6	1.1								4.6	6.6
40	2.5	1.4	.3	.4								4.6	4.2
50	.8	.4	.4									2.5	5.2
60	.6	.7	.8	.1								2.2	6.3
70	.7	.3	.1									.7	5.2
80	1.4	.7	1.0	.4								3.1	6.0
90	1.5	1.3	1.5	.7	.1							5.2	6.7
100	1.5	1.4	1.0	1.4								5.8	6.6
110	2.4	3.4	2.4	1.4								10.4	6.6
120	3.4	3.1	1.3	.7	.1							8.5	5.5
130	1.7	1.5	.7		.4							3.5	6.2
140	.7	1.4	2.2	.1								4.9	6.3
150	.4	2.0	3.2	1.5	.3							8.1	8.0
VARIABLE													
CALM	////////////////////											5.2	////
TOTAL	24.1	27.7	26.7	13.4	2.9	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 748

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070950 STATION NAME: BRIZO MORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(IST): 0300-0500

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	WIND
0	1.7	3.4	3.4	1.7	.1	.6					10.3	8.6
10	1.5	2.7	3.0	2.5	.7						10.9	8.8
20	1.4	1.4	3.3	2.7	.6						10.6	9.2
30	1.3	1.4	.8	.7	.1						4.9	6.2
40	1.0	1.7	1.0	.7							3.2	6.1
50	.5	.6	1.7	.4							3.2	7.2
60	.3	.1	.7								1.1	6.1
70	.2	.1	.3								.7	4.4
80	.7	.4	.4	1.1							2.6	7.5
90	.8	1.1	.7	1.7							3.6	6.7
100	1.3	1.4	.7	1.1	.1						4.6	7.0
110	1.5	1.9	2.6	1.5	.1						10.7	6.3
120	2.6	2.4	2.1	.4	.3						7.8	5.7
130	1.7	2.7	1.5	.1							5.2	5.6
140	.5	1.7	1.8	.7							5.0	6.8
150	2.1	1.4	3.5	1.7	.3						9.1	7.7
VARIABLE												
DATA	////////////////////											6.4 //
TOTAL	21.5	22.8	28.9	17.4	2.9	.6					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07090 STATION NAME: BRIDE NORTON RAF UK

PERIOD OF RECORD: 7A-86
MONTH: APR HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.4	3.6	4.1	.8	.3					11.1	10.5
NNE	1.3	1.1	2.2	1.9	1.4	.6					9.5	10.9
NE	1.1	1.4	2.5	4.7	1.0						10.3	10.2
NNE	1.3	1.0	1.4	1.7	.3						5.6	8.5
E	1.9	1.1	1.5	.7							4.9	5.2
ESE	1.1	.6	1.8	.7							4.2	7.0
SE	.4	.4	.4	.6	.1						1.9	8.3
SSE	.4	.7		.6							1.3	7.4
S	1.4	.5	.7	.7	.4						4.0	7.4
SSW	.8	.7	.7	1.1							3.3	7.8
SW	1.5	1.0	1.4	1.7							5.1	6.9
WSW	2.5	2.6	3.3	1.4							10.8	6.2
W	2.5	1.9	1.5	.7							7.2	6.0
WNW	.4	.7	1.4	.7	.1						2.9	7.9
WW	1.1	1.1	1.1	1.4							4.7	7.5
WNW	.7	1.5	3.7	1.0	.2						7.8	8.7
VARIABLE												
SECT	////////////////////										5.3	////
TOTALS	26.3	17.7	27.4	24.1	4.5	.6					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000460 STATION NAME: PRICE HORTON RAF UK

PERIOD OF RECORD: 74-85,87
MONTH: APR HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.7	4.3	4.5	1.2	.7					11.3	11.5
NNE	.7	1.7	1.8	2.1	1.4	.7					9.2	12.8
NE	.1	.3	1.8	3.8	1.8	.4					7.8	13.5
ENE	.7	1.2	2.2	5.3	.6	.3					10.0	11.2
E	1.7	.7	2.4	.8							5.2	6.9
ESE	.7	.6	1.7	1.7							3.9	7.9
SE	.7	.3	1.4	2.5	.3						5.0	10.8
SSE	1.4	.3	.3	1.2	.3						3.2	7.7
S	1.2	.4	2.2	1.2	.4	.1					5.4	9.0
SSW	1.5	.7	1.8	1.7	.4						5.7	8.0
SW	1.1	1.4	.6	1.2	.3						4.3	7.6
WSW	.4	1.4	2.9	2.5	.8						8.1	10.0
W	.4	.6	1.1	3.1							5.2	10.0
WNW	.7	.7	.7	2.5	.6						4.7	11.5
WW	.1	.4	2.6	2.7	.1						6.3	11.0
WNW	.7	.7	1.5	1.7	.7						4.7	10.4
VARIABLE												
CALC	////////////////////										.8	////
TOTALS	11.2	10.2	29.4	37.1	8.6	1.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 7.7

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: DT5490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.7	1.3	2.4	4.2	.8	.1					9.6	10.7
090	.1	.6	2.4	3.1	1.7	.7					9.6	13.0
09		.7	1.8	5.6	.7	.6					9.4	13.0
090	.4	.7	1.0	4.4	1.5	.3					8.3	12.9
0	.6	.4	1.8	1.4							4.6	9.0
090	.2	.3	1.0	1.0							2.5	9.6
09	.1	.7	.4	0.0	.1						3.4	11.2
090	.2	.7	.1	3.1	.1						3.9	11.5
0	.3	.6	1.4	2.4	.4						6.1	10.2
090	.6	.6	2.1	1.8	.6	.1					5.8	10.2
09	.6	.4	1.5	.7		.3					4.2	8.7
090	.7	1.7	3.7	4.4	.7	.1					11.4	10.6
0	.4		.6	2.7	.7						4.4	12.4
090	.4	.1	1.4	2.7	.6						5.2	11.4
09	.1	.6	1.1	3.4	.1						5.4	11.3
090	.6	1.7	1.4	2.7	1.3						6.5	11.3
VARIABLE												
CALC	////////////////////											.7
TOTAL	6.2	10.7	24.5	40.1	9.4	2.7					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS: 710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276450 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85.87
MONTH: APR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.6	1.5	2.6	4.0	1.1	.3					12.0	10.9
090	.1	.7	2.2	2.4	2.4	.1					7.9	13.1
90	.4	.6	2.1	5.1	2.0	.6					11.2	13.0
090	.3	.4	1.8	2.5	1.5						7.0	12.5
0	.3	1.5	1.7	2.0							5.4	8.9
090	.3		.8	.3							2.0	10.0
090	.2	.1	.7	1.5	.4						3.6	9.8
090	.2	.7	1.1	1.5	.1						3.8	9.6
0	1.0	.7	2.2	2.4	.3						6.6	9.2
090	1.0	.7	2.1	1.4	.7	.6					6.4	10.7
090	.6	.7	1.5	1.1							4.2	8.6
090	.4	1.0	2.8	2.4	1.0	.3					8.4	11.1
0	.6	1.0	2.5	2.7		.1					6.4	9.4
090		.7	1.0	2.1	.7	.1					4.6	12.5
090	.1	.7	2.4	2.2	.1	.1					5.7	10.4
090	.3	.6	1.1	1.4	1.3						4.6	12.3
UNDETERMINED												
CALC	////////////////////										.3	////
TOTAL	7.7	11.6	30.3	37.1	11.6	2.2					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 7.7

GLOBAL CLIMATOLOGY BRANCH
 UFAETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
 MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.5	1.7	2.9	1.7	1.1	.4						9.4	9.6
090	.7	1.0	2.1	1.7	1.7							7.6	10.7
180	.4	1.1	2.9	5.3	1.2	.3						11.9	12.0
270	1.7	1.2	2.2	2.4	.1							7.2	8.6
360	1.0	1.7	1.9	.6								5.4	6.3
045	.2	1.0	.4	.3								2.5	5.4
090	1.1	.4	.8	1.0								3.3	7.3
135	.3	.4	1.2	.9	.1							2.9	9.0
180	1.2	1.1	1.2	1.2								4.9	7.3
225	1.5	1.9	1.9	1.1	.6							7.1	7.8
270	1.4	1.9	1.2	.6	.3							5.4	6.8
315	.5	1.9	2.4	1.0	.4	.1						6.6	8.6
360	1.4	3.0	2.6	1.7	.1							8.4	6.9
045	.7	1.0	2.1	1.0	.3							5.8	8.0
090	.5	.5	2.8	1.7	.1							5.3	8.3
135	.9	1.1	1.9	1.7	.1							5.7	8.8
VARIABLE													
CALC	////////////////////											.7	////
TOTALS	15.1	23.0	30.6	27.1	6.7	.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 74-86
MONTH: APR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.3	2.0	2.2	2.0	.6	.9					9.0	8.7
090	1.1	2.9	1.4	0.4	.8						8.7	9.2
9	.9	2.1	4.2	4.1	1.7						12.2	10.1
180	0.2	1.4	1.8	2.7	.3						7.7	7.6
0	1.3	1.4	1.0	.7							3.9	5.6
030	.8	.6	.7	.7							2.4	5.8
90	1.3	.1	.8	.3							2.5	5.5
330	1.1	.7	.1								1.5	3.3
0	.9	1.0	.8	1.0							3.6	7.3
030	1.3	1.7	.7	1.4							4.6	7.4
90	1.4	2.2	1.1	.6							5.3	5.7
200	2.1	2.9	2.9	2.1	.7						10.7	7.9
9	2.0	3.5	2.8		.1						8.4	5.7
030	.8	.7	.6	.9	.1						2.7	6.7
03	1.1	2.5	2.2	.1							6.0	5.7
030	1.5	1.3	2.1	.7	.3						5.9	7.0
VARIABLE												
REF	////////////////////										4.8	////
TOTALS	21.6	20.1	25.7	17.1	3.7	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 713

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 010490 STATION NAME: BRIZZ NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	1.7	3.2	2.1	.8	.4					10.3	9.9
NNE	.6	1.6	2.4	2.5	1.4	.3					9.0	10.7
NNE	.7	1.2	2.8	4.3	1.2	.2					10.5	11.1
NNE	1.2	1.0	1.5	0.5	.6	.1					6.9	9.7
E	1.3	1.2	1.4	.8							4.7	6.6
ESE	.7	.5	1.1	.6							2.9	7.2
SE	.6	.4	.8	1.0	.1						2.9	8.8
SSE	.5	.3	.4	.9	.1						2.3	8.5
S	1.1	.7	1.3	1.2	.2	.7					4.5	8.3
SSE	1.1	1.0	1.4	1.2	.3	.1					5.2	8.3
SSW	1.2	1.4	1.2	1.0	.1	.7					4.9	7.1
SSW	1.7	2.2	2.9	2.3	.5	.1					9.6	8.3
W	1.7	1.9	1.9	1.4	.2	.7					7.0	7.2
WSW	.6	1.1	1.1	1.1	.3	.7					4.3	8.9
W	.6	1.2	2.0	1.0	.1	.7					5.4	8.5
WNW	.9	1.2	2.3	1.0	.6						6.5	9.0
VARIABLE												
CALM	////////////////////										3.0	////
TOTALS	15.9	18.6	27.9	27.1	6.3	1.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 5733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(IST): 0000-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	2.8	2.7	1.1							9.3	6.0
NNE	2.7	3.1	4.2	2.3	.5						12.8	7.5
NNE	1.8	2.7	5.7	1.3	.8						12.3	8.0
NNE	2.3	.8	1.5	.5							5.5	6.0
E	2.2	.9		.1							2.7	3.1
ESE	.7	.8	.5								2.0	5.3
SE	1.1	.9	.8								2.3	4.7
SSE	.5	.8	.4	.1							1.9	5.0
S	1.3	1.0	.8	.7							4.2	5.3
SSE	1.5	1.6	1.9	1.8							6.5	7.0
SSW	1.6	1.7	2.2	.5							5.8	6.7
SSW	1.6	2.9	1.6	.5	.1						6.7	6.1
W	3.3	4.7	2.0	.5							10.8	5.0
WSW	1.3	1.0	1.1	.1							3.5	5.1
W	.7	1.7	1.3	.5							3.5	6.3
WNW	1.0	1.5	1.1	.5							4.2	5.9
DATA												
CALC	////////////////////										5.7	////
TOTAL	27.1	27.9	27.7	17.1	1.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 741

GLD CLIMATOLOGY BRANCH
USAF/CLAG
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 013440 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 7A-85
MONTH: MAY HOURS/1ST: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	2.7	3.0	4.7	.5							11.8	6.2
10	3.1	3.0	4.7	2.3	.3						14.7	7.2
20	1.9	2.6	3.5	.5	.8						9.6	7.7
30	2.6	1.1	1.5	.7	.1						6.2	6.3
40	2.0	.9	.8								3.9	4.0
50	1.9	.7	.4								3.0	3.5
60	.9	1.3	.4								2.6	4.9
70	1.0	.5	.7	.4							2.8	5.4
80	1.0	.7	1.2	.5							3.5	6.1
90	.7	1.0	1.7	1.1							5.0	7.5
100	1.3	.9	1.7	.7							4.2	5.8
110	.5	2.0	3.9	.5							7.7	7.2
120	2.9	2.6	1.0	.4							7.0	4.7
130	1.0	1.3	1.0	.1	.3						4.8	5.8
140	.7	.9	2.3	.9							4.3	7.2
150	.9	.7	.4	.5							2.6	6.0
SUM TOTAL												
GRAND TOTAL	////////////////////										6.5	////
TOTAL	76.9	24.5	30.4	10.1	1.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 010490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	3.9	4.7	3.0	.1						13.3	8.3
NNE	1.7	1.6	2.1	2.6	.7						9.0	8.8
NNE	2.0	3.0	3.1	2.3	.9						11.5	8.2
NNE	1.2	1.1	2.7	2.1	.1						7.2	8.2
E	2.4	1.6	1.2	.7							5.8	5.0
ESE	1.2	1.3	.8	.7							3.6	5.3
SE	1.2	1.3	.5	.1							3.2	4.8
SSE	.8	.7	.8	1.1							3.4	7.7
S	1.9	.9	2.1	1.2							6.0	6.8
SSW	1.3	.9	2.0	1.6	.4						6.3	8.3
SW	1.2	1.2	2.4	.6							5.6	7.1
WSW	1.6	1.6	2.5	1.6							7.4	7.2
W	1.3	1.9	1.6	.7							5.5	6.3
WNW	.7	.4	.7	1.7							2.9	8.1
W	.1	.0	1.2	.7							3.1	8.9
WNW	.7	.7	1.2	1.1							3.6	8.1
VARIABLE												
CALM	////////////////////										2.5	////
TOTALS	23.4	23.1	29.8	20.0	2.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000493 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.9	1.6	4.7	7.3	.3						11.3	9.1
090	.4	1.3	2.2	3.1	.8						7.8	10.6
095	.7	1.2	2.2	3.0	1.5	.1					8.8	11.1
100	.7	1.3	2.4	3.2	.9						8.6	10.1
105	1.1	1.8	1.5	1.5	.1	.1					6.1	8.0
110	.7	1.1	1.3	1.9	.4						5.4	9.5
115	.8	.8	1.3	.3							3.8	7.0
120	1.1	.5	.9	1.6							4.2	8.2
125	1.1	1.5	1.8	1.0							6.2	8.4
130	.5	1.5	2.3	2.6	.4	.3					7.6	10.1
135	.3	1.3	3.0	2.7	.1						7.0	9.0
140	.3	1.4	2.3	2.3	.3						7.6	8.4
145	.4	.4	1.4	.7							3.5	8.8
150	.3	.1	1.1	1.3							2.8	9.7
155		.7	.9	1.6							3.5	9.5
160	.3	.9	2.4	2.2							5.8	9.6
VARIABLE												
CALM	////////////////////											////
TOTALS	17.1	13.4	32.1	34.7	4.7	.5					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070497 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
0	.7	1.7	4.7	3.7	.4							10.4	10.0
090	.5	1.0	3.4	1.4	1.2							9.7	10.1
095	.4	.7	2.0	2.2	2.3	.4						8.0	13.0
105	1.1	1.2	1.9	2.3	1.5							8.0	10.2
110	.3	1.5	2.3	1.9	.7							6.6	9.9
120	.5	1.4	1.7	.3	.7							4.9	9.6
130	.1	.3	.8	.5								2.0	9.1
135	.4	.4	.9	2.7								3.9	10.0
140	1.7	1.1	2.4	2.7	.3							7.3	8.4
145	.5	1.4	2.6	2.6	.9							8.0	10.3
150	.5	1.1	3.6	2.4	.4							8.4	9.5
155	.5	.5	3.0	7.1	.8	.1						8.4	10.4
160	.5	.9	1.6	1.6								4.5	8.8
165		.7	1.2	.9								2.7	9.4
170	.4	.7	1.1	1.4	.3							3.8	9.5
175	.4	1.2	.9	2.2								4.7	8.9
225-270													
UNCLASS													
GRAND TOTAL	9.7	10.7	33.1	32.7	7.3	.5						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03440 STATION NAME: ORIZABON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
0	.5	.9	3.5	4.6							9.6	10.1
10	.5	.7	3.4	1.9	1.2	.1					7.8	10.7
20	.7	1.4	1.2	3.3	2.0	.4					9.7	12.5
30	.7	.5	1.4	2.3	.3						5.7	11.0
40	1.1	1.4	2.4	1.7	.5						7.0	8.4
50	.7	1.6	.8	.7	.7						4.6	9.2
60	.9	.7	1.1	.8							3.6	7.5
70	.5	.7	.8	.4	.1						2.7	8.9
80	.5	2.6	1.5	2.6	.1						7.7	8.5
90	.4	1.1	1.4	2.6	.4	.3					6.1	11.0
100	.5	1.5	3.0	2.7	.5						8.5	9.1
110	1.1	.9	3.1	4.1	.5						9.9	9.9
120	.1	1.1	2.6	1.4	.5						5.8	9.5
130	.5	.5	.8	1.1							3.0	9.0
140	.1	.3	1.1	.7	.4						2.6	10.6
150	.7	.9	1.6	2.7							5.3	8.4
VARIABLE												
UNKNOWN	////////////////////										.4	////
TOTAL	10.3	17.0	29.6	30.4	8.7	.3					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRILEY HORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: MAY HOURS (LST): 1807-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.4	2.4	1.5	1.4	.4						7.0	7.5
045	1.5	1.9	2.0	2.7	.7						10.3	9.3
090	.9	2.0	3.7	2.3	1.5	.1					10.6	10.0
135	.5	1.0	2.2	1.5							6.2	8.0
180	.9	1.0	2.2	1.0							6.2	7.9
225	.7	.5	.8	.1	.1						2.3	7.0
270	2.1	.4	.5	.5							3.0	6.1
315	1.1	1.1	.4	.1							3.1	5.7
360	2.0	1.7	1.8	.5	.1						6.1	6.5
045	1.9	2.0	2.4	1.5	.3						8.9	7.3
090	1.1	1.0	3.4	1.6	.7						8.5	8.5
135	1.4	2.3	2.7	2.0	.4						8.5	8.0
180	1.5	1.4	2.0	1.3							6.0	7.2
225	1.1	1.4	.8	.7	.1						4.2	7.0
270	.4	1.4	.4	.1							3.5	7.3
315	.3	1.0	1.5	1.4							4.3	8.7
VARIABLE												
CALC	////////////////////										1.2	////
TOTAL	17.7	24.0	49.8	47.1	4.2	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 729

CLIMATE CLIMATOLOGY BRANCH
USFETMAC
AFM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 47492 STATION NAME: PRIZE MORTON RAF UK

PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	2.3	1.0	1.7								7.0	6.7
NNE	2.4	2.4	5.0	2.7	.5							12.5	7.7
NE	1.3	2.6	2.8	2.6	.9							10.2	8.7
ENE	.8	.9	3.2	.4								5.3	7.2
E	1.5	1.1	.9	.5								4.4	5.5
ESE	1.5	.7	.5	.1								2.7	4.2
SE	.7	.9	.4	.1								2.2	5.3
SSE	1.1	.7	.9	.1								3.2	6.4
S	2.0	2.2	1.3	.1								5.7	5.1
SSW	1.6	2.2	2.0	1.1	.1							7.0	6.9
SW	2.2	3.0	1.3	1.3	.7	.1						8.2	6.9
WSW	1.3	2.7	3.2	.1								8.1	6.7
W	2.2	3.4	1.5	.4								7.4	5.1
WNW	1.3	1.9	.5	.7								4.4	5.6
WW	.9	1.5	1.5	.1								4.0	5.7
WNW	.7	1.3	.8	.9								3.6	6.6
VARIABLE													
CALC	////////////////////											3.9	////
TOTAL	24.7	22.1	14.2	17.1	1.9	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH
USAFETC
AFW WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 02492 STATION NAME: BRIZE NOTTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.3	3.5	2.6	.2						10.0	8.1
NNE	1.6	1.0	3.4	2.6	.7	.0					10.4	8.7
NF	1.2	2.1	3.0	2.3	1.3	.1					10.1	9.7
NNE	1.2	1.1	2.1	1.7	.4						6.6	8.5
E	1.5	1.3	1.4	.2	.2	.0					5.3	7.0
ESE	1.0	1.0	.8	.5	.3						3.6	7.3
SE	.8	.8	.8	.4							2.8	6.2
SSE	.8	.6	.7	.5	.0						3.2	7.4
S	1.5	1.5	1.6	1.0	.1						5.8	7.1
SSW	1.1	1.6	2.0	1.2	.3	.1					6.9	8.5
SW	1.1	1.5	2.6	1.0	.3	.0					7.0	8.1
WSW	1.2	1.8	2.8	1.2	.2	.0					6.2	8.1
W	1.5	2.0	1.8	.5	.1						6.3	6.5
WNW	.9	.0	.5	.5	.1						3.6	7.1
W	.4	1.0	1.3	.5	.1						3.5	8.0
WNW	.6	1.1	1.2	1.2							4.3	8.0
VARIABLE												
CALC	////////////////////										2.5	////
TOTAL	19.1	22.5	26.1	22.0	4.3	.3					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 5929

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 79-86
MONTH: JUN HOURS (LST): 0000-0200

TOTAL NUMBER OF OBSERVATIONS: 750

CLIMATE CLIMATOLOGY BRANCH
USAF/CLM
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BPIZE NORTON WAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.7	1.8	.7	.1						6.2	6.5
NNE	1.5	1.8	2.5	.5							6.7	6.6
NE	2.1	1.1	2.5	1.0							6.7	6.8
NNE	1.7	.6	1.7	1.1							5.1	7.0
E	1.0	.8	.8	.1							2.8	5.3
ESE	.4	.1									.6	2.5
SE	.7	.7	.4	.1							1.5	6.4
SSE	.6	.1									.7	2.8
S	2.1	1.1	.1	.7							3.7	4.1
SSW	2.1	1.3	2.2	.7							6.3	5.9
SW	2.9	2.9	3.8	.4							10.0	5.8
WSW	3.5	4.2	5.8	1.7							15.3	6.5
W	5.3	4.2	2.9	.8							14.5	5.0
WNW	1.7	1.7	1.0	.7							5.1	5.8
W	.8	1.0	.6	.4							2.8	6.0
WNW	1.0	1.1	1.7	.7							4.6	6.8
VARIABLE												
SPOT	////////////////////										7.4	////
TOTALS	29.2	25.7	27.9	10.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 033490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.1	2.5	2.4	1.6	.1						7.8	7.4
10E	1.0	1.7	1.8	1.0							5.5	6.8
40	1.4	1.7	2.6	1.6	.3						7.4	8.2
ENE	1.1	.6	1.8	.4	.1						4.1	7.1
E	2.5	1.7	.6	.7							5.1	5.1
ESE	2.0	.4	.4								2.8	3.4
SE	1.0	.7	.3								2.0	4.5
ESE	.7	.7	.1	.4							1.6	5.7
S	1.4	1.0	.7	.1							3.3	5.0
SEW	1.0	1.7	1.7	1.4							5.9	6.9
SSE	2.1	2.4	4.0	1.6							10.3	7.1
WSW	3.3	5.1	7.9	3.7	.1						19.7	7.4
S	1.7	2.1	3.0	1.7							8.5	7.4
SSW	.5	1.0	1.4	2.0							5.4	9.0
WSW	.7	.3	.4	.7							2.8	7.8
WSW	.4	1.7	2.3	1.0	.1						5.7	8.4
VARIABLE												
CALM	////////////////////										2.1	////
TOTAL	32.9	23.2	32.2	14.7	.0						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.4	2.1	2.0	7.4							6.7	8.5
15	.4	1.1	1.8	1.1	.3						4.8	9.1
30	.3	1.7	2.4	1.7	.3						5.8	9.0
45	.4	.9	1.1	1.8	.6						4.9	10.2
60	1.1	1.1	1.5	.7							4.3	6.6
75	.2	1.4	1.1	.1							3.5	5.7
90	.8	.7	.6	.7							2.0	5.7
105	1.0	1.7	1.5	.4							3.9	6.8
120	1.7	.7	1.4	.5							4.2	6.9
135	.2	.3	1.8	7.4	.3						5.6	9.7
150	1.3	1.1	3.4	7.1							8.8	8.7
165	.5	2.0	7.2	5.1							15.4	9.4
180	.8	.9	3.4	5.7	.4						10.8	10.2
195	.6	1.7	2.1	7.1	.4						6.9	9.8
210	.6	.4	1.8	7.1	.3						6.2	10.2
225	.3	1.7	2.1	1.1							5.6	7.2
240												
255												
270												
285												
300												
315												
330												
345												
360												
UNKN												
TOTAL	17.7	17.1	25.0	20.7	7.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 7.3

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 676490 STATION NAME: BRIZT NORTON RAF UK

PERIOD OF RECORD: 79-86
MONTH: JUN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.7	2.5	1.8	.1							6.8	8.5
NNE	.4	1.3	1.3	1.2		.7						4.2	8.8
NNE		1.0	1.3	2.1		.1						4.5	10.2
ENE	.1	.7	1.0	1.0	.1							3.0	10.2
E	.6	1.3	.6	1.1	.3							3.8	8.4
ESE	.6	1.1	1.1	.6								3.7	7.3
SE	.3	.7	.8	.8								2.7	7.9
SSE	.2	.8	1.4	.8								3.4	8.0
S	.8	.4	1.7	1.1	.6							4.7	8.8
SSW	.7	.9	1.6	2.4	.1	.1						5.8	9.7
SW	.1	1.3	3.7	2.8	.4							4.5	9.7
WSW	.7	1.7	5.4	7.9	.8	.1						16.1	10.3
W	.7	1.1	4.5	4.0	1.0							12.3	10.2
WNW	.1	.8	4.1	7.5	.7							8.9	10.0
W	.2	1.3	2.2	7.0	.7							6.9	9.6
WNW	.4	1.3	1.7	1.0	.1							5.1	8.8
VALUES													
CALC	////////////////////												////
TOTAL	6.8	17.7	34.6	36.1	3.8	.7						100.7	9.5

TOTAL NUMBER OF OBSERVATIONS: 709

U.S. AIR FORCE
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM NORMALLY OBSERVATIONS

STATION NUMBER: 014000 STATION NAME: BRIST NORTON HAF MD

PERIOD OF RECORD: 70-05-07
 MONTH: JUN NOMINALS: 1500-1700

DIRECTION OBSERVED	WIND SPEED IN KNOTS											TOTAL %	WIND SPEED
	1-7	8-16	17-24	25-32	33-40	41-47	48-55	56-63	64-71	72-79	80-87		
0	0.7	1.7	2.5	2.5	0.1							6.5	0.6
090	0.0	0.0	1.0	0.0	0.1							1.1	0.2
09		0.7	1.7	2.0	0.0	0.7						4.1	12.1
100	0.3	0.7	1.1	1.7	0.0							3.8	11.2
110	1.0	1.7	1.1	1.0	0.3							6.0	7.0
120	0.5	0.0	0.0	1.1								1.7	7.0
130	0.0	0.7	0.0	0.7								1.4	7.1
140	0.0	0.0	0.0	0.0								1.7	0.0
150	0.7	1.1	1.7	2.1								5.6	0.0
160	0.7	1.0	1.0	1.0	0.0							3.6	0.0
170	0.7	1.1	1.0	1.1	0.0							4.7	0.7
180	0.0	1.0	0.0	0.0	0.0							1.0	10.0
190	0.0	1.7	5.5	5.1	0.0							12.2	10.7
200	0.1	1.7	0.0	1.0	0.1							3.9	0.7
210	0.0	0.0	2.5	2.0	0.1							6.6	10.0
220	0.1	0.0	1.0	1.0								2.1	0.1
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
TOTAL	6.5	10.0	17.0	10.1	0.2	0.8						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 7.0

1. DATE OF BIRTH 10/10/1940
 2. DATE OF DEATH 11/11/1940

DETERMINATE RELATIONSHIP OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HELICOPTER OBSERVATIONS

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

ENDING OF RECORD: 7A-97

MONTH: JUN HOURS ILST: 1800-2000

WIND SPEED IN KNOTS													
11-00-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	TOTAL	MEAN
11-00-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	8	WIND
0	1.1	1.1	3.7	1.9								9.1	7.1
000	1.7	1.1	1.6	1.7	1.7							3.7	8.8
000	1.5	1.7	1.6	2.9	1.1	1.1						7.8	9.7
000	1.1	1.6	1.6	1.7	1.1							2.7	8.1
000	1.7	1.6	1.7	1.7								5.3	7.5
000	1.7	1.1	1.1	1.1								2.7	6.4
000	1.7	1.7	1.7									1.1	3.5
000	1.6	1.1	1.1	1.7								1.0	6.0
000	1.1	1.6	1.7	1.6								5.3	5.1
000	1.1	1.7	1.6	1.7	1.7	1.7						7.5	8.3
000	1.5	1.7	3.6	1.7	1.1							8.1	8.1
000	1.1	1.6	1.7	1.1	1.1							17.1	9.2
000	1.5	1.7	1.6	1.1	1.1							12.3	9.0
000	1.6	1.7	1.6	1.7								7.3	7.6
000	1.1	1.7	1.6	1.1								4.8	8.0
000	1.6		1.1	1.6	1.1							3.1	9.7
000													
000												1.7	1.7
000	1.1	1.6	1.7	1.7	1.7	1.1						100.0	8.1

THE UNIVERSITY OF CHICAGO

U.S. AIR FORCE CLIMATE BRANCH
USAF/CLM
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000490 STATION NAME: PRIZE VORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.7	1.0	3.4	.1							6.7	6.4
10	1.6	1.7	1.4	1.4	.1						6.5	7.0
20	1.3	1.0	2.1	1.7	.4						6.5	8.3
30	1.0	.6	1.7	1.1	.1						4.5	8.2
40	2.1	1.1	.6	.6							4.4	5.0
50	.7	.4	.1	.1							1.0	5.6
60	.6	.7									.9	3.0
70	.7	.7									1.0	3.0
80	1.7	1.7	.7	.6							4.3	5.0
90	1.4	2.4	1.7	1.0							7.0	6.6
100	1.7	4.1	3.0	.7	.4						10.9	6.2
110	1.7	1.1	6.7	2.1	.1						16.8	7.1
120	2.0	5.0	3.3	.1							10.4	5.6
130	1.0	1.1	1.4	.3							4.8	5.9
140	1.4	1.0	1.4	.1							4.4	5.7
150	1.4	1.0	1.0	1.4							5.7	6.8
VERIFIED												
CALC	////////////////////										4.3	////
TOTAL	21.4	33.7	26.6	11.7	1.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 704

GLOBAL CLIMATEOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.0	2.0	2.5	1.4	.1						7.0	7.4
090	1.0	1.4	1.8	1.0	.1	.1					5.3	7.6
90	1.0	1.1	2.2	2.0	.2	.1					6.5	8.7
180	.7	.6	1.3	1.0	.2						3.9	8.8
0	1.4	1.1	.9	.7	.1						4.2	6.3
180	.4	.7	.5	.7							2.3	5.9
90	.6	.4	.4	.7							1.6	5.8
180	.6	.4	.5	.7							1.9	6.1
0	1.4	1.1	.9	.7	.1						4.2	6.3
180	1.3	1.7	1.6	1.5	.2	.2					6.1	7.8
90	1.8	2.4	2.6	1.9	.2						9.7	7.4
180	1.9	3.0	6.4	4.4	.2	.3					16.4	8.3
0	2.2	2.7	3.8	2.1	.3						11.8	7.8
180	.5	1.4	2.3	1.0	.1						6.6	8.3
90	.8	1.0	1.7	1.4	.1						5.0	8.2
180	.7	1.0	1.7	1.0	.1						5.0	7.7
VARIABLE												
CALC	////////////////////										2.6	////
TOTAL	17.9	22.1	32.4	22.6	1.9	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 1662

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016490 STATION NAME: BRIST NORTON RAF UK

PERIOD OF RECORD: 74-86
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
0	1.9	2.7	.7	.4								5.1	5.2
000	2.4	2.9	2.1	1.7								8.6	5.9
30	1.9	2.6	2.6	.7								4.0	6.3
100	1.2	1.1	1.8	.7								4.4	6.0
1	2.1	.1										2.2	2.3
101	.6											.6	2.0
51	.7	.7										1.0	2.9
550	.7	.1	.3									1.1	3.9
0	1.9	1.7	.6									3.5	3.8
000	2.1	2.4	1.7	.1								6.1	5.2
30	2.5	2.7	2.9	.7								4.9	5.6
100	2.3	2.5	4.3	.7								10.7	5.1
1	2.7	4.7	1.5	.7								11.7	4.2
101	.7	1.4	2.1									5.5	5.8
51	1.1	1.7	1.1									3.6	5.3
550	2.1	.7	1.7	.4	.1							5.0	5.2
VARIABLE													
CALC	////////////////////											4.2	////
TOTAL	20.6	24.4	27.7	4.7	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 74

U.S. AIR FORCE (METEOROLOGY BRANCH)
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 000400 STATION NAME: BRIZE NORTON AFB OK

PERIOD OF RECORD: 78-85,87
 MONTH: JUL HOURS(LEST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-24	25-33	34-40	41-47	48-55	56	57	58		
0	1.2	2.1	2.1	.1								5.9	6.3
10	1.6	2.5	1.9	.1								6.5	5.1
20	1.5	2.6	2.9	1.1	.1							9.6	6.3
30	1.2	.5	.1	.1								2.2	4.5
40	1.7	.4		.1								1.5	3.5
50	.1	.4										1.2	2.9
60	.1	.1	.1									1.0	3.9
70	.4	.4	.1									1.0	4.7
80	.1	.1	.1	.1								2.6	3.8
90	.1	.1	.1	.1	.1							4.7	4.9
100	.1	.1	.1	.1	.1							10.7	4.9
110	.1	.1	.1	.1	.1							17.4	5.4
120	.1	.1	.1	.1	.1							15.4	4.8
130	.1	.1	.1	.1	.1							5.2	4.6
140	.1	.1	.1	.1	.1							3.0	6.4
150	.1	.1	.1	.1	.1							3.7	6.0
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
UNKN													
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 720

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HELICOPTER OBSERVATIONS

PERIOD OF RECORD: 7A-86
MONTH: JUL HOURS(LST): 0600-0800

WIND SPEED IN KNOTS													TOTAL	MEAN
DIRECTION (0-359)	1-5	6-10	11-15	16-20	21-25	26-30	31-40	41-47	48-55	56	8	WIND		
0	1.1	1.4	2.0	1.5							6.4	7.2		
10	1.7	.4	1.7	.4							4.2	5.8		
20	1.7	.4	3.0	1.7							8.1	7.3		
30	2.1	1.7	2.4	.7	.1						6.3	6.8		
40	1.1	1.7	.4	.1							4.1	3.8		
50	.1	.7	.1								1.8	4.3		
60	.7	.4									1.1	3.0		
70	1.1	.1	.4	.1							1.8	4.5		
80	1.4	.7	.9	.1							3.8	6.7		
90	1.1	1.4	1.7	.7							4.5	6.5		
100	1.7	1.1	1.4	.7							10.9	5.6		
110	1.1	1.7	6.3	1.7							17.9	6.1		
120	4.4	.9	4.2	.4							12.6	5.4		
130	1.7	1.7	2.6	1.1							5.3	7.2		
140	1.1	1.1	2.7	1.1	.1						5.3	7.9		
150	.4	.7	1.1	1.1							3.5	8.4		
V. TOTAL											2.5	////		
MEAN	20.4	22.8	32.4	13.4	.1						140.0	6.1		

DATA OF OBSERVATIONS: 195

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 74-87
MONTH: JUL HOURS(EST): 0900-1100

DIRECTION (000-359)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
0	.4	.8	4.3	1.9								7.4	9.1
000	.7	1.7	.4	.7								2.7	7.0
001	1.1	.5	2.5	1.2	.7							5.6	8.3
002	1.2	.7	2.2	2.7	.4	.1						7.4	9.6
003	1.6	1.4	1.2	.1								4.4	5.1
004	1.4	.4	1.1	.4								3.3	5.9
005	.7	.4	.4									1.5	4.5
006	1.4	1.4	.7	.1								3.6	4.9
007	1.4	.5	.7	.9	.1							3.3	6.5
008	1.0	1.5	2.2	2.1	.1							6.9	8.5
009	.4	1.9	4.8	1.4								8.9	8.5
010	.5	1.3	7.3	5.4								15.2	9.2
011	.5	2.9	4.4	1.7	.1							10.2	7.9
012	.1	1.1	3.2	2.7	.1							7.0	9.8
013	.7	1.7	2.3	2.1								7.0	8.9
014	.5	1.1	2.6	1.1								5.4	6.1
UNSTABLE													
CAUTION	////////////////////////////////////											.1	////
TOTAL	19.7	18.4	41.2	24.6	1.7	.1						100.7	8.2

TOTAL NUMBER OF OBSERVATIONS: 748

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 005490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.1	1.6	2.5	3.9								8.6	8.9
090	.8	.7	1.1	.5								2.9	6.9
90	.1	.6	1.0	2.4	.6							4.6	11.5
180	.7	.6	1.9	2.2								5.4	9.2
270	.3	1.4	2.6	.4								5.1	7.8
360	.4	1.2	1.0	.4								3.0	6.8
045	.7	.1	.3	.0								1.2	9.1
135	.2	.4	.4	.7								1.4	6.9
225	.7	.6	1.2	1.6	.1							4.1	9.1
315	.6	1.7	2.0	3.0	.1							7.6	9.4
015	.7	.4	4.6	2.0								9.0	9.2
075	1.1	2.1	5.0	5.7	.6	.1						15.4	9.7
165	.6	1.7	5.7	4.3	.3							12.0	9.7
255	.7	1.4	2.4	1.7								6.4	8.5
345	.7	1.6	2.1	3.0	.1	.3						6.5	9.9
030	.4	1.1	3.3	1.0								6.2	8.4
UNKN													
TOTAL	////////////////////											86	////
TOTAL	1.4	10.9	24.6	37	1.4	.4						107.0	9.1

TOTAL NO. OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016490 STATION NAME: BRICE NORTON AFB OK

PERIOD OF RECORD: 79-86
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.5	.4	3.3	2.6	.1						7.9	9.1
090	.7	.4	1.4	.4	.1						3.0	7.3
90		.1	1.1	2.7	.4						4.0	11.7
180	.5	.7	2.3	1.4	.1						4.6	9.1
270	.1	1.1	3.0	1.7							5.5	8.7
150	.7	.4	.5	.1							1.6	5.6
30	.7	.5	.4								1.6	4.7
330	1.0	.4	.3	.7							2.2	5.2
0	.1	1.0	1.1	1.7	.1						4.5	8.4
330	1.0	1.1	1.6	3.1	.4						7.2	9.8
30	.5	2.7	2.9	7.7	.1						13.9	11.7
150	.3	1.5	4.6	8.8	.4						15.4	10.9
0	.4	1.8	6.1	3.8	.3						12.4	9.5
180		2.6	2.7	2.7	.3						7.6	9.3
30	.7	1.1	3.7	1.7	.3						7.1	9.4
330	.1	1.7	2.7	.7	.1						6.0	9.5
VARIABLE												
REF	////////////////////										.3	////
TOTAL	2.5	16.4	37.1	34.4	2.9						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 733

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 7A-87
MONTH: JUL HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.1	2.3	3.3	1.9							8.7	7.6
060	.7	.4	1.5	.7	.1						3.9	7.6
90	.7	1.1	1.8	2.7	.4						6.3	9.7
180	.4	1.7	2.3	.7	.1						4.6	8.3
270	.8	1.4	2.2	.7							5.1	6.4
300	1.1	.3	.3								1.7	4.0
330	1.2	.7									1.5	2.7
360	.1	.7									.4	4.0
030	1.4	2.3	2.2	.7							6.4	6.4
090	.7	.6	2.4	1.4							5.5	8.2
150	1.4	1.4	1.4	1.7	.1						6.6	7.7
210	1.7	3.4	2.4	4.3	.1						17.7	8.5
240	1.4	2.3	3.2	3.0							17.2	7.9
300	1.2	1.7	1.4	1.7							5.5	7.0
330	.7	1.9	3.3	1.4							7.9	8.0
360	.6	1.7	3.4	1.4							6.6	7.5
VARIABLE												
DATA	////////////////////////////////////										1.1	////
TOTALS	14.0	22.6	37.0	21.1	1.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 729

GENERAL METEOROLOGY BRANCH
JCSF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: DTG492 STATION NAME: BRICK MORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LEST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.9	2.1	2.7	.7								6.5	5.7
10	2.2	2.4	1.1	.4	.1							5.8	5.0
20	2.1	1.9	1.7	7.7	.1							9.8	7.5
30	1.7	1.4	2.6	.7								6.4	6.6
40	1.5	.6	.3									2.4	3.6
50	.7											.7	2.5
60	.6	.7	.1									1.0	4.0
70	.7	.7	.4									1.4	4.4
80	1.4	1.2	1.1									3.7	5.1
90	1.7	2.1	1.4	.7								5.8	5.7
100	2.1	2.7	2.2	.4								7.7	5.8
110	3.2	5.3	6.5	1.7								17.7	6.5
120	5.1	4.7	2.2	.4								11.8	4.7
130	2.7	2.7	1.7	.4								6.8	4.9
140	.7	2.6	2.1	.7								6.4	7.0
150	.7	1.4	1.7									7.2	5.5
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
UNKN													
TOTAL	22.6	21.9	27.2	7.7	.1							100.1	5.7

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH
 05/01/88
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 075497 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 78-87
 MONTH: JUL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.7	1.6	2.7	1.5	.0							7.1	7.6
10	1.6	1.4	1.3	.8	.1							5.1	6.0
20	1.4	1.3	2.0	1.5	.2							7.0	8.0
30	1.1	.9	2.0	1.1	.1	.0						5.2	7.8
40	1.0	1.7	1.2	.7								3.8	5.9
50	.2	.4	.4	.1								1.7	5.1
60	.7	.7	.0	.1								1.2	4.4
70	.7	.5	.3	.1								1.7	4.9
80	1.2	1.1	1.0	.6	.1							4.0	6.4
90	1.1	1.5	1.7	1.4	.1							6.0	7.5
100	2.0	2.7	3.7	1.4	.0							9.9	6.9
110	2.2	4.7	6.1	7.6	.1	.0						16.9	7.6
120	3.0	3.3	3.9	1.7	.1							12.3	6.6
130	1.7	1.6	2.1	1.0	.1							6.2	7.3
140	.0	1.7	2.4	1.7	.1	.0						5.8	8.1
150	.5	.9	2.1	1.0	.0							5.0	7.5
160-180												2.2	////
TOTAL	72.9	72.4	32.6	17.7	1.7	.1						100.0	7.0

PERIOD OF OBSERVATIONS: 57.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS (LST): 0000-0200

[illegible]

.....	6.4
.....	100.0	5.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS*

STATION NUMBER: J1450 STATION NAME: PBLT CUBION RAJ UP

PERIOD OF RECORD: 77-AS
FROM: ALG HOURS: 0300-0500

TIME FROM TUNNELS														
SOLUTION TIME (min)	1-5	6-8	9-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GF 56	TOTAL S	MEAN WIND	
1	2.7	1.7	2.7	.7								6.9	5.5	
2	3.2	1.6	2.1	.7	.1							7.6	5.3	
3	3.5	2.2	1.6	.9	.4							8.0	5.3	
4	3.3	.6	1.1	.9								5.9	5.9	
5	1.7	.6	.5									2.8	6.0	
6	.2	.4	.1									.7	5.2	
7	.7	.7	.7	.1								3.3	6.0	
8	.2	.2	.1									.5	6.2	
9	1.5	.7	1.2	.1								3.5	6.0	
10	1.6	2.1	2.0	1.	.1							7.7	7.0	
11	2.3	2.9	4.3	1.1	.4							17.0	6.9	
12	5.4	4.5	3.8	.5								14.5	5.2	
13	5.3	2.9	.9	.1								12.2	3.4	
14	1.7	.7	.7									3.2	6.5	
15	1.1	1.1	.5	.3								3.0	5.6	
16	.7	1.7	1.3	1.								4.5	7.5	
MAINTAIN														
OPIN	////////////////////////////////////												9.5	////
TOTALS	51.2	24.9	24.8	5.	1.7							127.7	6.9	

TOTAL NUMBER OF OPERATIONS: 21

GENERAL ELECTRICITY MAGNET
GEAR BOX
AIR MOTOR - SERVICE VALVE

RELATIONSHIP OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION: 00000; STATION NAME: 00000; STATION NOT ON

PERIOD OF RECORD: 77-95
MONTH: AUG MONTHLY: 0600-0800

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 37493 STATION NAME: ORIZI MORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-7	8-10	11-13	14-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.1	1.8	2.7	1.1								7.1	7.4
15	1.3	.9	2.0	1.1								5.4	7.4
30	1.0	1.7	2.2	1.1	.1	.1						7.2	8.6
45	1.5	.9	1.7	1.1	.2							5.4	7.4
60	1.3	1.1	2.2	1.1								6.0	8.5
75	1.0	.8	.1	.1	.1							2.1	5.7
90	.8	.2	.5	.1								2.4	7.2
105	.6	.1	.5	.1								1.7	6.4
120	1.2	.1	1.7	.1								4.3	7.3
135	1.1	.1	2.4	.1	.5							7.1	10.1
150	1.1	.1	1.4	4.1	.2	.1	.1					11.4	10.2
165	.1	.3	4.2	4.1	.4							15.2	9.1
180	1.1	1.1	4.2	1.1								10.0	8.5
195	.1	.1	4.4	.1								5.6	8.5
210	.1	.1	.5	.1	.2							4.1	12.1
225	.1	.1	1.7	.1								4.2	8.5
240													
255													
270													
285													
300													
315													
330													
345													
360													
TOTAL	1.9	1.7	14.1	1.2	1.5	.2	.1					100.0	8.5

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 376490 STATION NAME: 912F HORTON HAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	.9	1.0	3.7	.9	.2							6.2	7.9
10	.6	1.0	1.9	.9								4.3	7.4
20	.2	.4	2.3	1.5	.2							4.6	9.6
30	.4	.6	1.6	.7	.2	.4						4.2	9.6
40	1.1	1.7	1.8	1.6								5.7	7.6
50	.1	.7	.9	.5								2.2	8.2
60		1.4	.6	.4	.1							2.7	7.6
70		1.0	.2	.5	.2							2.1	9.1
80	.5	.9	1.7	1.7	.1							3.9	8.4
90	.8	1.7	1.2	1.7	.1	.4						7.5	11.9
100	.7	1.7	3.4	.7	.6	.7						11.6	10.9
110	.1	1.7	6.8	7.4	.2	.1						16.4	10.8
120	.1	1.7	4.7	4.4	.5							11.1	10.4
130	.1	1.7	1.1	.1								3.3	8.8
140	.7	1.2	1.6	.1	.5							7.0	9.5
150	.1	.7	2.4	1.1		.1						5.1	8.2
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
TOTAL												107.0	9.6

GLOBAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026950 STATION NAME: BRIST NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS/EST: 1500-1700

DIRECTION 10°-110°	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55		
0	0.5	1.5	0.0	1.0	0.1							3.1	7.0
10	0.2	1.0	1.0	0.0	0.1	0.1						2.4	8.6
20	0.2	1.0	0.7	1.0	0.5							3.4	10.4
30	0.2	1.0	1.7	0.0								3.6	8.2
40	0.0	0.0	2.0	1.0								3.0	8.0
50	0.0	0.7	1.0	0.7								3.4	7.2
60	0.1	0.0	0.7									1.8	6.5
70	0.7	0.0	0.2	0.7								1.6	7.0
80	0.7	1.1	0.2	1.7	0.1							3.8	9.0
90	0.7	1.1	1.7	1.7	1.5							6.2	11.2
100	0.0	1.5	0.0	0.1	0.0							2.6	10.1
110	0.2	1.0	0.1	1.0	1.2	0.0						3.5	11.7
120	1.0	1.1	1.0	0.0	0.0							3.1	9.0
130	0.5	0.0	2.0	1.0	0.1	0.1						3.7	9.0
140	0.0	1.7	1.0	1.0								3.7	8.0
150	1.1	1.1	0.5	0.7	0.7							4.1	8.7
160-170	////////////////////											0.5	////
TOTAL	7.0	9.0	10.0	6.0	3.5	0.1						46.0	9.5

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-85
MONTH: AUG HOLRS(LST): 1800-2000

DIRECTION (0-360)	WIND SPEED IN KNOTS										TOTAL 8	MEAN WIND
	0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-60	61-80		
0	0.1	0.0	0.0	0.0	0.1						0.1	0.1
10	0.0	0.0	0.0	0.0							0.0	0.0
20	0.0	0.0	0.0	0.0	0.0						0.0	0.0
30	0.0	0.0	0.0	0.0	0.0						0.0	0.0
40	0.0	0.0	0.0	0.0	0.0						0.0	0.0
50	0.0	0.0	0.0	0.0	0.0						0.0	0.0
60	0.0	0.0	0.0	0.0	0.0						0.0	0.0
70	0.0	0.0	0.0	0.0	0.0						0.0	0.0
80	0.0	0.0	0.0	0.0	0.0						0.0	0.0
90	0.0	0.0	0.0	0.0	0.0						0.0	0.0
100	0.0	0.0	0.0	0.0	0.0						0.0	0.0
110	0.0	0.0	0.0	0.0	0.0						0.0	0.0
120	0.0	0.0	0.0	0.0	0.0						0.0	0.0
130	0.0	0.0	0.0	0.0	0.0						0.0	0.0
140	0.0	0.0	0.0	0.0	0.0						0.0	0.0
150	0.0	0.0	0.0	0.0	0.0						0.0	0.0
160	0.0	0.0	0.0	0.0	0.0						0.0	0.0
170	0.0	0.0	0.0	0.0	0.0						0.0	0.0
180	0.0	0.0	0.0	0.0	0.0						0.0	0.0
190	0.0	0.0	0.0	0.0	0.0						0.0	0.0
200	0.0	0.0	0.0	0.0	0.0						0.0	0.0
210	0.0	0.0	0.0	0.0	0.0						0.0	0.0
220	0.0	0.0	0.0	0.0	0.0						0.0	0.0
230	0.0	0.0	0.0	0.0	0.0						0.0	0.0
240	0.0	0.0	0.0	0.0	0.0						0.0	0.0
250	0.0	0.0	0.0	0.0	0.0						0.0	0.0
260	0.0	0.0	0.0	0.0	0.0						0.0	0.0
270	0.0	0.0	0.0	0.0	0.0						0.0	0.0
280	0.0	0.0	0.0	0.0	0.0						0.0	0.0
290	0.0	0.0	0.0	0.0	0.0						0.0	0.0
300	0.0	0.0	0.0	0.0	0.0						0.0	0.0
310	0.0	0.0	0.0	0.0	0.0						0.0	0.0
320	0.0	0.0	0.0	0.0	0.0						0.0	0.0
330	0.0	0.0	0.0	0.0	0.0						0.0	0.0
340	0.0	0.0	0.0	0.0	0.0						0.0	0.0
350	0.0	0.0	0.0	0.0	0.0						0.0	0.0
360	0.0	0.0	0.0	0.0	0.0						0.0	0.0

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS/LSST: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
0	1.5	2.5	2.5	.5							6.9	6.2
30	2.4	2.1	1.9	1.0							7.3	5.8
60	2.2	.7	3.0	1.0	.2						7.2	6.5
90	1.2	.5	1.4		.1						3.0	5.9
120	1.5	.9	.2								3.0	3.4
150	.5	.1	.1								.7	3.7
180	.2	.2	.4								.9	5.4
210	.7	.5									1.2	3.4
240	1.2	1.1	.6	.5							3.6	6.1
270	1.9	1.6	2.5	1.0							7.0	7.0
300	3.3	5.7	3.2	1.0							13.0	5.9
330	4.5	5.6	6.3	1.7							18.2	6.2
360	5.0	2.6	1.4	.7							9.7	4.2
390	1.7	1.1	.5	.1							3.5	4.2
420	1.0	2.2	.7	.2							4.2	5.4
450	1.6	2.5	2.4	.5							6.1	5.7
UNCLASSIFIED												
GRAND TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5.5

EXPLANATION OF ABBREVIATIONS: N/A

U.S. AIR FORCE
CLIMATE DIVISION
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 00490 STATION NAME: BRIZI GORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (true)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.1	2.7	3.1	.5	.1							7.5	6.8
10	1.5	1.4	1.4	.3	.0	.7						5.9	6.6
20	1.4	1.4	1.9	1.1	.3	.7						6.3	7.3
30	1.1	.8	1.4	.5	.1	.7						4.0	7.1
40	1.7	.7	1.1	.3								4.2	5.6
50	.5	.5	.4	.7	.7							1.7	5.8
60	.4	.7	.5	.7	.7							1.7	6.3
70	.4	.7	.2	.7	.7							1.2	6.3
80	1.7	.7	1.5	.7	.0							3.7	6.8
90	1.7	1.2	2.1	1.1	.4	.3						7.4	8.9
100	1.7	2.4	3.9	2.7	.3	.1	.0					11.3	8.1
110	1.1	1.1	5.1	4.4	.3	.1						17.0	8.0
120	1.1	1.5	2.5	1.7	.1							10.6	6.7
130	1.7	.7	1.4	.1	.7	.7						4.4	7.0
140	.7	1.2	1.2	1.1	.1							4.4	7.0
150	.7	1.4	1.4	1.1	.7	.3						5.3	7.6
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
ALL	////////////////////											3.6	////
TOTAL	1.4	1.4	1.5	1.1	1.7	.7	.0					100.0	7.1

END OF REPORT

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-24	25-33	34-40	41-47	48-55	56-63	64-70		
0	0.1	1.4	1.1	0.0								5.2	5.3
090	1.2	0.5	0.9	0.7								3.4	5.3
18	2.3	1.1	0.3	0.4								4.0	4.3
270	1.0	0.3	0.3	0.3								1.9	5.0
3	1.5	0.6	0.4									2.6	3.9
135	0.6	0.9	0.3									1.9	4.6
225	0.3	0.5	0.1									0.9	4.1
255	1.1	0.5	0.1									1.9	3.9
315	1.5	1.7	1.8	0.5								6.2	6.4
330	1.3	2.0	3.7	1.3	0.4	0.1						10.7	7.5
345	1.1	4.1	5.8	7.1	0.4	0.7						16.2	7.5
354	1.4	5.7	2.2	2.0	0.1							18.3	6.6
360	5.2	3.2	1.4	1.4	0.1							11.9	5.0
045	1.5	1.1	0.5	0.7								3.8	5.2
060	0.4	1.3	0.6	0.1								2.4	5.7
075	0.5	1.0	0.7									3.1	5.1
UNABLE													
DATA	////////////////////											6.3	////
TOTAL	11.7	17.0	22.0	17.0	1.4	0.8						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 706

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07440 STATION NAME: BRICE HORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LEST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.4	.9	1.0	.1							4.0	6.6
10	2.1	.5	.8	.5							3.9	5.0
20	1.8	.4	.3	.1							2.5	3.6
30	1.5	.9	.4	.1							2.9	4.3
40	1.1	.0	.1								3.0	3.1
50	1.0	1.1	.6								2.8	4.9
60	1.1	.4	.3								1.8	3.5
70	.5	1.1	.7								1.6	5.6
80	1.7	1.6	2.1	1.1	.1						6.5	7.0
90	2.1	1.0	1.0	1.1	.3						9.4	7.4
100	1.0	1.7	4.0	1.7	.1						13.5	6.9
110	4.4	1.7	4.0	1.1	.3	.1					19.4	7.4
120	4.5	1.0	1.1	1.1							12.7	4.7
130	.7	.7	.4								1.6	4.2
140	1.0	.8	1.8	.7							4.3	5.7
150	.5	.7	.4	.1							2.3	5.2
160												
170												
180												
190												
200												
210												
220												
230												
240												
250												
260												
270												
280												
290												
300												
310												
320												
330												
340												
350												
360												
UNDETERMINED												
CALC	////////////////////										7.9	////
SUM	1.4	2.1	1.0	1.1	1.7	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 7.9

GEOPH CLIMATOLOGY BRANCH
USAF/ETC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07490 STATION NAME: PRIZE MORTON RAF UP

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(EST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	1.5	.5	1.4	.1							4.5	5.8
045	2.0	.3	.3	.2							3.7	5.9
090	2.5	1.0	.3								4.0	3.2
135	2.0	.5	.8	.9							3.7	4.8
180	3.2	.8	.5	.1							4.5	3.5
225	1.1	1.0	.8	.9							2.8	5.3
270	.2	.1	.5	.1							1.9	5.1
315	1.1	1.0	.8	.9							3.2	6.2
360	1.5	.8	1.5	1.1	.1						5.2	7.4
045	2.2	2.4	2.4	1.4	.2						8.6	6.9
090	3.1	4.7	5.7	2.1							15.8	6.9
135	3.0	4.0	3.0	2.1	.2						20.3	7.2
180	4.0	2.4	2.1	1.2	.1						9.1	5.6
225	.1	.8	.5	1.0							3.3	8.0
270	.1	.1	.1	.8							1.6	7.7
315	.5	1.1	.8	.							2.1	6.1
WINDY												
DATA	////////////////////										5.9	////
TOTAL	20.7	21.3	21.0	2.4	1.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAF/14P
WFO WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 114997 STATION NAME: SPILE TUNTON MAR ON

PERIOD OF RECORD: 77-96
MONTH: SEP HOUR(S): 0900-1100

DIRECTION (000-359)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	0-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55		
000	0.0	0.0	1.0	1.0	0.0	0.0						2.0	9.7
010	0.0	0.0	0.0	1.0	0.0	0.0						2.0	10.5
020	0.0	0.0	0.0	0.0								0.0	7.7
030	1.0	1.0	1.0	0.0								3.0	5.7
040	1.0	1.0	1.0	0.0								3.0	5.0
050	1.0	0.0	0.0	0.0								2.0	6.1
060	0.0	1.0	0.0	0.0								2.0	6.0
070	1.0	0.0	0.0	0.0	0.0	0.0						3.0	5.5
080	1.0	1.0	1.0	0.0	0.0	0.0						4.0	6.0
090	0.0	1.0	1.0	1.0	0.0	0.0						3.0	10.1
100	1.0	0.0	0.0	0.0	0.0							2.0	9.7
110	1.0	1.0	0.0	0.0	0.0	1.0						3.0	10.0
120	0.0	1.0	0.0	0.0	0.0	0.0						2.0	10.7
130	0.0	0.0	1.0	1.0	0.0	0.0						2.0	12.2
140	0.0	0.0	0.0	1.0	0.0							2.0	9.5
150	0.0	0.0	1.0	1.0		0.0						2.0	9.9
160												0.0	
170												0.0	
180												0.0	
190												0.0	
200												0.0	
210												0.0	
220												0.0	
230												0.0	
240												0.0	
250												0.0	
260												0.0	
270												0.0	
280												0.0	
290												0.0	
300												0.0	
310												0.0	
320												0.0	
330												0.0	
340												0.0	
350												0.0	
TOTAL	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	9.1

PERCENTAGE OF OBSERVATIONS: 7.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NAME: NAUWATON WAF OR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
DIR	SP	0-1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19		
01-03	01											3.6	10.2
04-06	01											2.7	9.5
07-09	01											2.0	8.2
10-12	01											2.2	8.1
13-15	01											1.9	6.1
16-18	01											3.1	8.0
19-21	01											1.7	7.6
22-24	01											2.9	8.1
25-27	01											8.1	9.8
28-30	01											11.5	9.8
31-33	01											14.3	11.0
34-36	01											17.5	11.6
37-39	01											12.5	12.1
40-42	01											8.0	11.7
43-45	01											4.9	9.6
46-48	01											2.7	10.1
49-51	01												
52-54	01												
55-57	01												
58-60	01												
61-63	01												
64-66	01												
67-69	01												
70-72	01												
73-75	01												
76-78	01												
79-81	01												
82-84	01												
85-87	01												
88-90	01												
91-93	01												
94-96	01												
97-99	01												
00-02	01												
TOTAL		1.4	12.6	24.9	15.1	5.6	1.4					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 402

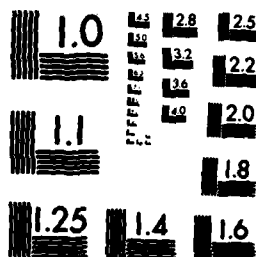
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BRIZE NORTON RAF UK REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS PARTS A-E(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.7	.6	2.1	1.4							4.8	8.
090	.4	.7	1.0	1.2							2.9	9.
180	.1	.5	.4	.7							1.7	8.
045	.1	.9	1.1								2.1	6.
0	.2	1.0	.4	.1							1.7	5.
135	.2	.7	.4	.5							1.9	6.
09	.4	1.0	.4	.2	.1						2.1	6.
090	.5	1.0	.5	1.0	.2						3.2	8.
0	.7	1.7	3.2	3.1	.4						9.1	9.
SSW	.9	.9	3.5	2.6	1.6	.4					9.8	11.
SW	.7	2.5	3.7	2.9	.9						10.7	9.
SSW	.6	2.2	7.1	10.3	2.5	.1					22.9	11.
W	.5	1.5	3.0	4.6	1.0	.1					10.7	10.
SWW	.1	.6	3.1	3.9	.9	.2					8.8	11.
WSW	.1	.2	1.6	1.2	.2						3.5	10.
WSW	.2	.7	1.6	.9							3.5	8.
Variable												
CALM	////////////////////										.6	////
TOTALS	6.7	16.4	33.0	34.5	7.8	.9					100.0	9.

TOTAL NUMBER OF OBSERVATIONS: 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.0	2.4	1.6	.4								5.4	6.4
090	.6	.8	.6	.9								2.8	7.1
90	1.1	.6	.6	.4	.1							2.9	5.8
180	.5	.4	.3	.1								1.3	5.7
270	1.6	.9	.3									2.8	3.9
030	.8	.1	.8									1.6	5.2
30	1.1	.5	.4	.4								2.4	5.3
330	.4	1.5	.8	.4	.3							3.3	7.7
060	2.3	3.3	2.4	1.4	.4							9.7	6.7
60	1.0	2.9	3.1	2.4	.5	.1						10.8	8.1
045	1.6	2.4	4.1	2.1	.3							10.6	7.7
45	2.1	4.4	6.3	5.5	.6							20.2	8.4
015	1.8	3.6	4.6	1.5								11.6	7.0
15	.6	2.9	1.5	1.9	.4							7.3	8.2
315	.6	.8	.6	.5								2.5	6.7
315	.6	.9	1.5	.4								3.3	7.0
VARIABLE													
CALC	////////////////////////////////////											1.8	////
TOTALS	14.6	29.1	29.5	19.3	2.5	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USAF/12C
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.5	1.5	1.6	.1							3.8	6.5
090	1.6	1.4	.8	.5							4.3	5.5
90	1.4	.9	1.0	.5							3.8	5.8
090	.5	.5	.5								1.5	5.3
0	1.3	.4	.5	.1							2.3	4.7
090	.9	.9	.3								2.0	4.6
090	.5	.1	.3	.4							1.3	6.9
090	1.3	.1	.4								1.8	3.8
0	1.1	2.9	2.4	.8							7.2	6.5
090	2.8	3.3	3.8	2.3	.5	.1					12.7	7.6
090	3.4	4.7	3.9	2.1	.1						13.6	6.7
090	4.0	6.4	6.4	3.6	.6						21.5	7.3
0	3.3	4.4	1.9	.8	.1						10.4	5.6
090	1.4	1.7	.4	.4							3.1	5.0
090	.3	.4	.9	.7							1.8	7.1
090	1.0	1.4	1.1	.4							3.9	5.9
VARIABLE												
CALM	////////////////////										5.3	////
TOTALS	25.1	29.9	26.0	12.2	1.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USAF/AFMPC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
0	1.0	1.1	1.5	.7	.3	.7		4.4	7.1
090	1.1	.5	.9	.8	.3			3.2	6.9
90	1.2	.7	.5	.4	.3			2.9	5.4
180	.9	.6	.7	.2				2.5	5.6
270	1.4	.8	.6	.1				2.9	4.5
360	.8	.2	.5	.3				2.4	5.8
045	.6	.6	.4	.2	.3			1.8	5.8
090	.9	.9	.4	.3	.1	.3		2.6	6.6
135	1.6	1.8	2.2	1.7	.3	.7		7.6	7.9
180	1.8	2.1	3.1	2.3	.6	.1		10.1	8.5
225	2.1	3.2	4.5	2.6	.5	.7		13.8	9.2
270	3.1	4.2	5.7	5.7	1.1	.1		19.8	8.7
315	2.9	2.7	2.3	2.6	.5	.1		11.3	7.8
360	.7	1.7	1.2	1.7	.4	.1		5.0	9.4
045	.5	.5	1.2	.4	.1	.7		3.0	8.1
090	.6	.2	1.2	.7	.1	.7		3.2	7.2
VARIABLE									
CALC	////////////////////////////////////							3.6	////
TOTALS	21.2	22.4	26.7	27.4	3.7	.5		100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 6335

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NOTTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.7	1.0	.6	.1							3.6	6.8
NNE	1.6	2.0	1.3	.0	.2							5.6	6.7
NE	2.4	1.4	1.0	.4	.4							5.5	5.7
NNE	1.9	2.2	.7	.4								5.2	5.0
E	0.0	.7	.7	.4								3.8	4.6
ESE	1.2	1.3	.5									3.0	4.3
SE	1.1	1.2	.8	.4								3.5	5.8
ESE	.7	1.1	.5	.1								2.4	5.1
S	1.6	1.1	1.7	1.2	.5	.1						6.2	8.3
SSE	1.1	1.3	3.5	2.4	.5	.2						10.2	9.6
SE	2.4	3.0	4.1	1.7	.1							11.4	7.1
SE	3.8	4.6	4.6	0.7	.4							15.9	7.1
S	3.2	3.7	1.9	.5	.4							9.0	5.8
SSE	1.4	.1	.5		.2							2.3	5.5
SE	.4	.6	1.7	.4								2.6	7.3
ENE	1.1	.7	1.1	1.7								4.1	7.4
VARIOUS													
GRAND TOTAL	////////////////////											5.6	////
TOTALS	26.7	25.8	25.1	14.1	2.8	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 834

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZF MORTON RAF LM

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	.6	.7	.0	.5						3.5	9.0
NNE	3.1	1.7	1.2	.4	.2						6.6	5.4
NE	1.5	1.7	1.4	.3		.1					5.2	5.5
NNE	1.6	2.2	1.1	.0							5.4	5.6
E	2.2	1.0	.4								3.5	3.8
ESE	.7	1.2	.5								2.4	4.8
SE	.4	.7	1.1	.4							2.5	7.7
SSE	.6	.0	1.1	.1							2.9	5.8
S	1.2	1.3	2.0	1.5	.1	.5					7.0	8.9
SSW	.4	1.2	2.9	4.1	.4	.1					9.0	10.6
SW	2.3	2.0	2.5	2.3	.4						9.5	7.7
WSW	4.0	5.0	4.6	3.1	.1						17.0	6.9
W	4.2	2.3	2.2	1.1	.1						9.7	5.5
WNW	1.2	.4	1.0	.1	.1						2.9	5.6
W	.5	.6	.9	.1							2.4	7.0
WNW	.7	.5	.7	1.0							3.0	7.8
VARIABLE												
CALL	////////////////////										7.6	////
TOTALS	26.1	23.7	24.1	10.7	1.9	.7					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 050490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.7	.8	1.8	.5						4.7	9.7
NNE	1.7	1.7	1.2			.3					4.3	5.9
NE	4.2	1.6	1.3	.1		.1					7.3	4.5
NNE	1.8	1.1	1.7	.7							4.9	5.8
E	2.0	1.4	1.2	.1							4.8	4.7
ESE	1.8	1.0	.6								3.1	4.2
SE	1.0	.4	.7	.4							2.4	5.9
ESE	.9	.6	.2	.6							2.3	6.2
S	1.4	1.7	2.0	2.0	.4	.1					7.8	8.6
SSW	1.6	1.1	2.8	2.4	.7	.1					9.6	9.4
SW	2.7	3.2	3.2	2.4	.5	.1					11.7	7.8
WSW	4.2	4.7	3.5	2.9							14.9	6.4
W	4.0	4.7	2.0	1.0							11.5	5.4
WNW	1.9	.4	1.0	.6							3.4	6.5
W	.6	.6	.8	.7							2.8	7.1
WNW	.4	.4	.4	1.0	.1						2.4	9.5
VARIABLE												
ONLY	////////////////////										3.2	////
TOTALS	29.5	24.1	23.1	17.2	2.2	.7					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 335

GLOBAL CLIMATOLOGY BRANCH
 USAF LTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 034490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-24	25-33	34-40	41-47	48-55	GE 56		
0	.4	1.4	.5	1.7	.7						4.7	9.7
10	.5	.2	.2	.5	.2	.1					2.2	8.9
20	.5	1.3	1.2	.6	.1						4.1	7.2
30	1.6	1.2	.7	.7							4.2	6.0
40	2.0	1.5	1.4	1.1	.1	.1					6.6	6.5
50	1.1	.5	1.4	.4							3.4	6.6
60	1.6	.7	1.2	.4							4.3	6.3
70	1.2	.6	.5	.0	.1						2.9	5.7
80	1.3	1.2	2.3	2.9	.5	.4					9.0	9.4
90	1.4	1.0	2.9	2.5	1.3	.1					10.2	10.4
100	1.5	1.5	4.0	4.5	1.2						13.0	9.9
110	1.6	2.9	4.5	3.4	.5						12.9	8.6
120	1.2	1.2	2.4	4.5	.6	.2					10.1	10.6
130	.5	.6	1.4	1.3	.2						4.2	9.1
140	.4	.7	1.2	1.3	.1						3.7	9.7
150	1.1	.7	.4	1.1							3.2	7.6
VARIABLE												
CALC	////////////////////////////////////										1.2	////
TOTALS	19.1	19.2	26.2	25.4	5.9	1.9					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAF/STAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZZ MORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.4	1.1	1.4	1.0	.1					5.3	10.5
NNE	.4	.2	.5	.1	.1						1.3	6.9
NNE	1.1	.6	.7	1.2							3.6	7.4
NNE	1.4	1.1	.7	1.3	.1						4.7	7.2
E	.5	.6	.7	1.1	.2						3.1	9.5
ESE	.6	1.1	1.6	1.0							4.2	7.7
SE	.2	.5	1.6	.5	.4						3.3	9.7
SSE	.4	.6	1.3	.7							3.0	7.6
S	.3	1.7	2.2	2.9	.2	.2					8.1	9.4
SSE	.5	.8	4.0	5.4	1.4	.4					12.5	11.8
SSE	1.2	1.6	3.0	6.4	1.0	.2					13.4	10.8
SSW	1.0	1.3	5.2	5.7	1.1	.2					14.1	10.5
S	.6	.9	2.5	4.0	1.0	.2					9.2	11.5
SSW	.2	.0	.3	1.7	.7		.1				4.1	12.7
WSW	.5	1.0	1.7	1.7	.1						4.9	8.8
WSW	.7	.7	1.6	1.7	.1						4.8	9.1
VARIABLE												
CALC	////////////////////										.2	////
TOTALS	11.0	13.8	29.2	36.1	7.5	1.4	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LEST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.7	1.6	1.6	1.2	.5						5.5	8.8
10	.1	1.4	.9	.6							2.5	7.2
20	.7	2.7	1.2	.9							4.8	6.8
30	.2	1.7	.7	.9							2.8	7.9
40	1.2	1.7	1.2	1.3	.2						4.9	9.1
50	.6	1.0	.5	.7	.1						2.8	7.0
60	.5	1.7	.7	.7							2.9	7.5
70	.5	2.7	.7	.1	.2						3.6	6.5
80	1.0	1.9	4.3	7.1	.4						10.6	8.9
90	1.1	2.7	4.2	4.7	1.7	.1					13.6	10.3
100	1.1	1.3	4.2	2.7	.7	.1					10.1	9.5
110	.8	3.1	4.5	5.7	.5	.4					15.1	9.8
120	.7	1.1	3.1	1.7	.5						7.1	9.2
130	.3	.9	1.7	1.7	.1						4.9	8.6
140	.9	.6	1.4	1.1							3.9	8.0
150	1.3	.7	1.9	.7							4.5	6.6
VARIABLE												
CALC	////////////////////										.5	////
TOTAL	10.3	22.9	32.4	26.4	5.1	.6					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
0	1.1	1.1	1.1	.7	.4							4.3	7.5
090	2.0	1.2	1.2	.1								4.6	4.9
08	1.8	1.4	1.0	.7	.1							5.0	6.5
045	1.6	1.0	1.7	.4	.1							4.9	6.9
0	1.3	.7	.5	.4								2.9	5.0
051	1.4	.1	.6	.4								2.5	5.2
58	1.0	.6	.5	.5	.1							2.6	6.4
130	.7	1.4	.8	.1	.4							3.5	6.8
0	2.2	2.6	3.5	1.6	.4							10.2	7.1
054	2.0	2.5	3.5	4.1	.7	.4						12.7	9.5
54	1.5	3.4	4.8	2.4	.4							13.7	8.2
056	1.5	4.2	3.7	2.4		.6						13.3	8.1
4	1.7	3.1	2.6	.4								8.0	5.7
066	1.4	1.7	1.1	.1								4.4	5.0
0	.5	1.0	.4	.1								1.9	5.3
064	.7	.4	.2	.2	.1							2.3	7.9
VARIABLE													
GRM	////////////////////////////////////											3.2	////
TOTALS	23.5	29.9	27.1	16.4	2.6	1.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016490 STATION NAME: BRIZT WORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.5	.6	1.4	1.0							3.5	7.8
50	2.2	1.7	1.0	.0							5.1	4.8
10	1.2	2.0	1.3	.5	.5						6.5	7.1
140	2.2	1.3	1.0	.4							4.8	5.1
15	1.2	1.4	.8	.4							4.5	5.1
150	.6	.5	.4	.2							1.7	6.0
20	1.1	.7	1.0	.0							3.0	5.3
160	.6	1.2	.6	.1	.1						2.9	6.3
25	2.2	2.0	1.6	1.6	.2						7.6	6.8
150	2.4	2.7	3.4	3.1	.2	.1					11.8	8.0
30	2.5	2.9	4.1	3.7	.1						13.4	7.8
150	2.4	4.2	4.2	2.3	.6						14.0	7.3
40	2.4	2.9	1.6	.5	.2	.1					8.2	5.9
140	1.1	.6	.6								2.3	4.2
145	.4	.5	1.0	.0							2.0	6.7
140	.6	.7	1.6	.0							3.5	7.3
UNDETERMINED												
GRAND TOTAL	////////////////////										5.5	////
TOTAL	25.4	25.6	25.4	15.1	2.0	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070490 STATION NAME: BRIZE NOTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS/ILST: ALL

DIRECTION (000-090)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.0	1.0	1.2	.5	.7					4.4	6.8
NNE	1.5	1.2	.9	.3	.1	.7					4.0	6.0
NEL	1.8	1.5	1.1	.6	.1	.0					5.3	6.2
ENE	1.5	1.4	1.0	.7	.0						4.6	6.1
E	1.6	1.1	.9	.6	.1	.7					4.3	6.0
ESE	1.0	.8	.8	.3	.0						2.9	5.8
SE	.5	.7	.9	.5	.1						3.1	6.8
SSE	.7	1.1	.7	.3	.1						2.9	6.3
S	1.5	1.7	2.4	2.2	.3	.2					8.3	8.4
SSW	1.1	1.5	3.4	3.8	.9	.2					11.1	10.0
WSW	1.9	2.4	3.7	3.4	.5	.1					12.0	8.7
W	2.5	3.7	4.7	3.5	.4	.7					14.6	8.0
WNW	2.2	2.7	2.3	1.7	.3	.1					9.1	7.4
WW	1.1	.6	1.0	.7	.2		.7				3.5	7.5
WSW	.5	.7	1.1	.7	.7						3.0	7.8
WSSW	.3	.6	1.0	1.1	.7						3.5	7.8
VARIABLE												
CALC	////////////////////										3.4	////
TOTAL	21.7	22.3	26.6	21.1	3.7	.3	.7				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 6628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.6	.9	3.1	1.5	.4	.7					6.7	9.4
090	.4	1.1	1.2	1.1	.2						4.1	8.5
90	1.6	1.1	.5	1.7	.4	.1					5.5	8.3
180	.3	.6	1.2	.1							2.7	6.5
0	.9	.5	1.0	.4							2.7	6.5
180	.9	.6	.7								2.2	5.3
090	.6	.4	.5	.7							1.7	6.4
180	.4	.4	.5	.2	.1						1.6	7.5
0	1.1	.7	2.1	1.2		.1					5.3	8.0
090	.4	.5	1.7	2.5	.7	.7					6.2	12.0
090	.7	1.7	5.0	6.5	1.5	.1					15.9	11.0
090	2.5	4.7	4.6	4.2	1.1	.2					17.4	8.7
0	5.5	4.4	3.0	2.6	.4	.1					13.9	7.1
090	.5	1.0	1.1	.7	.1	.1					3.7	7.5
090	.4	.4	.9		.1						1.7	7.3
090	.5	.2	1.1	1.1	.2	.1					3.2	9.8
VERTICAL												
CALC	////////////////////										5.1	////
TOTALS	15.0	19.5	28.4	24.4	5.3	1.5					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 404

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
0	.4	1.7	3.5	1.4	.1	.1		6.5	8.9
090	1.4	.5	1.5	.7	.2			4.1	7.0
90	.5	1.1	1.0	1.1		.4		4.5	8.9
140	.9	.4	1.5	.7				3.5	7.3
150	1.4	.6	.2	.4				2.6	5.0
150	.5	.7	1.0					2.4	5.5
200	.9	.5	1.0	.7				3.1	7.4
250	.5	.1	.4	.5				1.2	6.5
300	.6		2.1	.6	.1			3.5	8.5
330	.7	.5	2.4	2.7	.5	.2		7.3	10.9
340	1.4	2.1	4.9	7.1	1.2	.1		16.7	10.3
350	1.2	3.6	6.6	4.2	.9			16.5	9.0
0	3.0	3.7	3.5	2.4	1.0	.1		13.3	7.8
000	.9	.6	1.4		.1	.1		3.1	7.0
000	.1	.4	1.1	.4	.2			2.2	9.7
000	.7	.4	1.7	1.4	.1			4.5	9.4
VARIABLE									
CALM	////////////////////							5.1	////
TOTALS	25.5	15.2	33.6	24.2	4.6	1.1		100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.6	1.0	2.2	2.3	.2	.1					6.5	9.1
090	1.2	.9	2.0	.7							5.0	6.9
09	.6	1.1	1.5	.5	.2	.2	.1				4.4	9.2
090	.6	.6	.5	.5	.1						2.7	8.1
0	1.1	1.0	.5	.4							3.0	5.5
090	.1	1.0	.2	.2							1.6	6.3
09	.2	.6	1.1	.6							2.6	8.0
05	.7	.6	1.0	.1							2.7	5.6
0	.6	.7	1.0	.1							2.5	6.0
050	1.1	.6	2.7	3.7	1.5	.1					9.7	11.2
00	1.4	1.7	4.9	5.7	1.1	.2					15.1	10.3
000	2.5	3.1	5.6	3.6	.9	.1					15.8	8.5
0	.9	3.1	3.4	2.4	.6	.1					13.5	9.3
000	.9	.6	.9	.4	.2						3.0	7.1
00	.2	.4	.5	1.1							2.2	9.1
000	1.0	.7	1.6	1.4	.1						4.9	8.2
VARIABLE												
CALM	////////////////////										4.7	////
TOTALS	15.0	18.1	29.7	25.3	5.1	1.3	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 802

GENERAL CLIMATOLOGY BRANCH
USAFELTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0900-1100

DIRECTION (DEGREES)	1-5	6-10	11-15	16-20	21-25	26-30	31-40	41-47	48-55	56-65	TOTAL	MEAN WIND
0	.5	.6	3.5	2.1	.2	.1					7.1	9.5
040	.2	.6	1.1	.7		.1					2.9	9.0
090	.6	.9	1.1	1.5	.4	.5					5.0	11.0
140	1.2	.4	1.9	.6	.1						3.7	7.2
190	2.0	1.0	.7	.5							4.5	4.9
240	.7	1.0	.9	.5							3.1	6.2
290	.2	.4	1.1	1.0							2.7	8.9
340	.7	.4	.9	.4							2.4	6.7
390	.7	.5	.7	.9							2.9	7.3
SSA	1.0	1.0	1.2	3.5	1.9	.1					8.7	11.5
SS	2.4	1.0	3.4	1.4	2.1	.5					17.7	11.4
SSW	1.5	3.2	4.2	6.7	.9						16.0	9.2
W	1.0	1.9	3.9	3.4	1.0						11.2	9.7
WSW	.5	.5	1.6	.6	.5						3.7	9.0
W	.4	.4	.6	1.4							2.7	9.5
SSW	.2	.6	1.1	1.7	.1						3.9	9.8
VARIABLE												
CFLM	////////////////////										1.6	////
TOTAL	14.5	14.4	27.6	37.7	7.2	1.4					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07490 STATION NAME: BRIZE NOTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(DST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.6	2.7	7.4	.1						6.7	8.8
NNE	.5	.2	.7	1.0							2.5	8.5
NE	.1	.2	1.1	1.7	.1	.5	.1				4.1	13.8
NNE	.5	1.1	1.2	1.6	.2						4.7	9.2
E	1.4	.9	.7	.3							3.2	5.0
ESE	1.1	1.0	.2	1.6							4.0	7.8
SE	.9	.5	1.0	.2	.1						2.7	6.8
SSE	.4	.2	.6	.6							1.9	7.9
S	.6	1.4	1.7	1.7							5.2	8.4
SSW	.5	.5	1.5	7.4	1.5	.1					7.5	12.1
SW	.7	.5	1.9	6.4	3.5	1.1					14.6	13.9
WSW	1.0	1.6	4.6	5.6	1.5	.2					17.6	11.4
W	.6	1.1	2.1	3.5	1.2	.4	.1				9.5	11.7
WNW	.1	.7	1.7	2.7	.6	.1					6.1	11.5
W	.2	.5	1.7	1.7	.9		.1				5.0	11.4
WNW		.7	1.6	1.4	.5	.2					4.5	11.4
VARIABLE												
CALM	////////////////////////////////////										.2	////
TOTAL	9.6	10.3	25.4	34.7	10.5	2.9	.4				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 903

NO. 101 CLIMATOLOGY BRANCH
254612AC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.7	1.0	3.2	1.0							6.5	8.0
10	.7	.5	.6	1.0		.1					3.0	8.3
20	.6	1.1	2.2	1.4		.6					6.0	9.4
30	1.0	.9	1.0	.6	.2						3.7	7.3
40	1.0	1.1	.4	.4							3.4	4.9
50	1.4	.7	1.1	.6							3.9	6.1
60	1.0	.7	.6	.1							2.5	5.0
70	.2	.7	.9	.7							2.6	8.0
80	1.0	1.1	1.0	1.7	.2	.1					5.2	8.7
90	.4	.7	1.4	3.4	.7	.2					6.8	12.2
100	.6	1.0	3.7	5.7	1.1	.6					13.7	11.1
110	1.0	2.7	4.7	6.1	2.0	.6					16.5	11.1
120	1.2	3.4	1.9	4.7	.5	.2					10.4	9.7
130	.4	1.1	2.0	2.1	.2		.2				6.1	10.1
140	.5	1.0	1.5	.4	.7	.2					4.6	9.9
150	.5	.9	1.5	.7	.4	.4					4.3	10.0
160												
170												
180												
190												
200												
210												
220												
230												
240												
250												
260												
270												
280												
290												
300												
310												
320												
330												
340												
350												
360												
UNK												
TOTAL	27.4	18.4	27.7	31.4	6.2	3.1	.2				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 400

GLOBAL CLIMATOLOGY BRANCH
 WSAF/TAC
 ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
 MONTH: NOV HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-9	10-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	1.2	1.2	2.5	1.4	.1						6.7	7.8
10	.7	.6	1.4	.5	.1	.2					3.6	8.8
20	1.7	1.4	2.2	1.2	.2	.2					7.1	7.7
30	1.2	.6	1.5	.4							3.7	6.5
40	1.2	.7	.6	.7	.1						3.0	5.9
50	.5	.7	.9	.5							2.7	6.9
60	.7	.6	1.0	.1							2.5	5.8
70	.6	1.4	.6	.1							2.7	5.4
80	.7	.5	1.4	1.4		.1					4.1	8.7
90	.5	1.1	2.1	4.4	.7						8.9	11.1
100	1.4	1.7	3.4	4.2	2.1	.2	.2				13.2	10.9
110	2.2	2.5	4.4	4.7	1.0	.7					14.6	9.2
120	2.5	3.5	3.2	3.0	.2	.4					12.9	8.0
130	1.1	.7	.6	1.4		.1					4.0	8.3
140	1.2	.6	1.5	1.1							4.5	7.0
150	.4	.4	1.0	.5	.5	.1					3.5	10.1
VARIABLE												
CAL*	////////////////////////////////////										2.1	////
TOTALS	19.2	19.7	28.7	25.1	5.2	1.7	.2				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 801

CLIMATE CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: RPIZF NORTON AFB OK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	.7	2.4	1.9	1.5	.9	.1						7.5	8.5
10	.6	.1	1.1	.1								2.7	8.5
20	1.2	.2	1.9	2.1	.2	.2						6.6	9.1
30	.9	.7	1.5									3.1	6.0
40	.9	1.7	1.0	.7								3.4	5.9
50		.7	.9	.2	.1							1.5	8.4
60	.4	.7	.5									1.6	5.6
70	.9	.6	1.6	.7								3.4	6.4
80	.9	1.2	1.1	1.4		.1						4.7	8.0
90	1.1	.7	1.6	2.7	1.7							7.3	11.4
100	2.0	2.9	3.6	5.7	2.0	.1						15.8	10.0
110	2.4	2.6	5.1	5.7	.5	.7	.2					16.8	9.3
120	2.5	2.9	3.0	2.4	.9	.5						11.6	8.0
130	.9	.9	.7	.7	.1							3.4	7.3
140	.9	.6	1.0	1.7								3.5	7.9
150	.7	.4	1.5	.7	.6							3.6	9.8
VARIABLE													
CAL	////////////////////											3.6	////
TOTALS	15.5	19.7	27.7	25.7	6.1	1.4	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 056493 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: NOV FOURS (LAST): ALL

DIRECTION (DEG GCS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.1	2.0	1.0	.2	.1						6.8	8.8
NNE	.7	.6	1.2	.6	.1	.1						3.5	8.1
NF	.6	1.0	1.4	1.4	.2	.4	.0					5.4	9.5
NNE	.9	.7	1.2	.6	.1							3.5	7.4
E	1.3	.9	.7	.3	.2							3.2	5.4
ESE	.7	.8	.7	.5	.2							2.7	6.6
SE	.6	.6	.9	.4	.2							2.4	6.8
SSE	.6	.6	.9	.2	.2							2.3	6.7
S	.2	.4	1.4	1.1	.2	.1						4.2	8.1
SSW	.7	.7	1.6	3.2	1.2	.1						7.8	11.5
SW	1.3	1.7	3.9	6.2	1.8	.4	.0					15.3	11.1
WSW	1.3	3.0	5.0	5.2	1.1	.2	.0					16.4	9.6
W	2.1	2.4	3.0	2.2	.7	.2	.0					12.0	8.6
WNW	.7	.9	1.2	1.1	.2	.1	.0					4.1	8.9
W	.3	.6	1.1	.9	.2	.2	.0					3.3	9.1
WNW	.6	.6	1.4	1.2	.3	.1						4.0	9.9
VARIABLE													
DATA	////////////////////											2.9	////
TOTALS	14.4	17.1	28.6	29.2	6.3	1.8	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 3426

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: DTG49C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	.4	1.6	2.0	.2						4.8	10.2
NNE	.4	.5	1.0	1.2	.2						3.2	9.1
NE	1.0	.5	1.3	.6	.1						3.5	7.4
NNE	1.0	.7	.8	1.0	.2	.2					4.6	8.2
E	2.0	1.7	2.4	1.4							7.9	6.5
ESE	.8	1.4	1.2	.5							4.0	6.5
SE	1.0	1.0	.2	.2							2.4	5.0
SSE	.5	.5	.4	.1	.2						2.4	9.4
S	1.0	.8	.5	2.3	.6	.1					5.3	10.4
SSW	1.0	1.6	2.5	3.0	1.1	.4	.1	.1			9.7	11.4
WSW	1.3	2.2	5.1	4.3	1.1		.1				14.1	9.9
WSW	2.0	2.4	3.1	5.3	1.6	.1					14.9	9.7
W	3.2	3.0	2.6	1.0	.7	.2					11.1	7.2
WNW	.4	.6	.5	1.0	.1	.4					3.1	10.5
WNW		.2	1.0	.5	.4						2.0	10.7
WNW	.1	.2	1.0	.2	.1						2.3	9.4
VARIABLE												
CALC	////////////////////										4.6	////
TOTALS	17.2	19.1	25.2	26.2	6.7	1.4	.2	.1			103.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 431

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BPIZE MORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC FOUR (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.5	.5	2.4	.2						4.2	10.4
NNE		.7	.7	.7	.1						1.8	10.7
NE	1.6	.5	1.4	.7		.7					5.1	6.9
ENE	1.4	1.2	1.4	.7	.4						5.3	7.2
E	2.1	1.3	2.1	1.5							7.4	7.0
ESE	1.2	.7	1.2	.7							3.5	6.7
SE	.4	.4	.5	.6							1.8	7.3
SSE	.2	.2	.5	1.2	.2						3.0	9.2
S	.7	1.8	1.2	2.2	.6						6.5	9.4
SSW	.5	1.6	1.9	2.3	1.4						8.2	11.0
SW	1.2	1.6	3.9	4.7	1.4						12.9	10.4
WSW	1.0	3.6	4.0	5.2	.8	.7		.2			15.9	9.8
W	2.7	3.1	3.7	2.1	1.7						11.8	8.0
WNW	.1	.4	1.3	.5	.1						2.4	6.5
WW	.9	.1	.5	1.0	.1	.2					2.3	11.4
NNW	.4	.2	1.2	1.0							3.4	9.8
VARIABLE												
GRAND TOTAL	////////////////////										4.5	////
TOTAL	15.9	18.0	25.5	25.7	6.5	.7		.2			100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 31690 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0		.4	1.1	1.7							3.4	11.0
045	1.1	.5	.7	1.7	.1						3.7	7.9
090	.8	.7	1.7	.1		.1	.2				4.0	9.1
135	1.4	.7	1.1	.1	.6						4.7	7.8
180	1.2	1.4	2.1	2.4							7.1	7.8
225	1.0	.6	1.1	1.4							4.1	7.7
270	.4	.7	.7	.7							2.5	7.1
315	.2	.6	.4	.4	.1						1.9	8.9
360	1.4	1.3	1.3	2.3	.6	.7					6.9	10.3
045	1.1	1.1	2.1	4.7	.5	.2					8.9	10.4
090	1.3	1.7	3.3	4.7	1.1	.4					12.2	10.2
135	1.0	3.9	4.9	5.7	1.1	.4					17.5	9.6
180	2.2	2.5	2.7	1.7	.5	.4					10.0	8.0
225	.6	.4	.8	.4	.5						2.9	9.2
270	.6	.7	.2	.4	.1						1.6	7.2
315	.4	.1	.6	1.1							2.9	10.0
VARIABLE												
CALM	////////////////////										5.7	////
TOTALS	15.7	15.7	24.5	30.3	5.2	1.7	.2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 035490 STATION NAME: PRIZE WORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-7	8-10	11-15	16-20	21-25	26-30	31-40	41-47		
0	.1	.4	1.1	2.7	.2				4.0	11.2
15	.6	.7	.7	1.1					2.7	8.0
30	.6	.5	1.3	.7	.2	.4			3.3	9.7
45	1.3	.9	1.9	.4	.1				4.6	6.8
60	1.9	.6	1.6	2.2					6.3	7.6
75	1.0	.7	1.6	2.4					5.7	8.7
90	.5	.1	.4	.7	.4				2.4	9.0
105	1.1	.4	.6	.7	.5	.1			3.5	9.4
120	.7	.6	1.6	2.7	1.7	.9			6.9	11.2
135	.5	.7	1.7	2.4	.2	.2	.1		7.3	11.4
150	.5	1.7	3.5	5.7	1.1	.1			12.5	10.6
165	1.9	3.4	5.3	6.0	1.4	.7			18.8	9.9
180	1.6	2.9	1.9	2.5	.2	.1			9.3	8.0
195	.5	1.4	.7	.4	.5	.1			4.1	9.1
210	.2	.7	1.2	1.7	.1				3.0	9.8
225	.1		1.0	1.0	.1	.1			2.5	11.1
UNDETERMINED										
TOTALS	14.1	14.9	20.2	37.0	6.1	2.4	.1		100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 010490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
0	.4	.5	2.2	1.1	.5			5.3	10.7
10	.2	.1	.2	.2		.4		1.8	11.8
20	.1	.4	.5	.6	.4			1.9	10.9
30	.5	.4	1.7	1.7	.1			3.6	8.6
40	1.4	.7	1.4	1.0	.1			5.5	8.0
50	.7	.6	1.7	1.7	.1			4.8	8.6
60	1.3	.6	.7	1.7	.5			4.5	8.4
70	.5	.4	.5	.7	.6	.1		2.9	10.4
80	1.2		.7	3.5	.6			5.8	11.3
90	.6	.4	1.9	4.7	1.3	.4		8.8	12.4
100	1.0	1.0	3.7	6.4	.8	.2		14.1	10.7
110	1.5	1.2	0.2	5.5	2.4	.6		19.1	11.0
120	.5	1.0	3.1	2.2	.7	.5		8.9	10.4
130	.5	.6	.7	2.1	.7	.2		4.8	11.6
140	.1	.7	1.2	1.7	.2			3.0	10.4
150	.1	.6	1.2	1.7	.2			4.0	10.0
VARIABLES								2.1	////
USE								2.1	////
TOTAL	27.5	11.0	27.9	30.7	9.4	2.4		100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036493 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.3	1.7	2.1	.4		.1					6.1	9.7
NNE	.5	.2	.6	.4		.4						2.1	10.2
NF	.5	.2	.6	.7	.1							2.2	8.6
ENE	1.0	.5	1.8	.7	.4							4.4	8.4
E	1.7	1.5	1.2	1.6	.2							6.2	7.5
ESE	1.0	.9	.6	1.1								3.5	7.0
SE	.7	.9	.5	1.7								3.0	7.4
SSE	.2	1.1	1.6	.2	.1							3.9	8.5
S	.9	1.0	1.5	2.9	.6							6.8	10.3
SSW	.6	2.0	3.3	2.6	.6	.5						11.4	10.4
SW	1.0	2.7	4.3	4.3	.9							13.6	9.1
WSW	1.5	3.0	3.5	5.1	1.7	.6	.2					15.7	10.7
W	1.7	1.4	2.2	1.7	.5	.4						8.0	9.1
WNW	.5	1.2	1.2	.6	.4	.1						4.0	8.9
WZ	.1	.6	.6	1.1	.2							2.7	10.2
WNW		.4	2.1	1.1	.2							3.8	9.9
UNAVAILABLE													
TOTAL	////////////////////////////////////											2.6	////
TOTALS	12.4	19.7	27.3	26.6	6.3	1.9	.4					107.9	9.2

TOTAL NUMBER OF OBSERVATIONS: 322

GLOBAL CLIMATOLOGY BRANCH
USFSLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS (LST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	.1	.5	1.7	1.4	.2	.1	.2					4.3	11.4
090	1.2	.7	.2	.7		.2						2.4	8.2
90	1.4	.6	.2	1.1								3.3	6.0
180	2.2	.8	1.6	1.3	.4							6.3	7.5
0	1.3	1.9	.8	1.1	.4	.1						6.0	7.2
090	1.2	1.1	1.2	.8	.2							4.3	7.6
30	.7	1.0	.8	.5	.2	.2						3.9	8.9
090	.6	.1	.9	1.7		.1						2.7	9.5
0	1.3	1.1	1.2	2.4	.7	.4						7.6	9.7
090	.5	1.3	2.8	4.5	1.1	.4						10.5	11.4
30	1.2	2.4	4.1	3.5	1.2	.1						13.0	9.6
090	1.7	2.5	3.9	4.7	1.1	.4						14.0	9.6
0	1.7	2.7	3.0	.5	1.2	.1	.2					8.8	8.6
090	.6	.7	1.3	.7								3.4	7.8
0	.1	1.1	1.0	.6								2.8	8.0
090	.4	.9	.6	1.4	.2							3.7	9.7
VARIABLE													
CALC	////////////////////											3.1	////
TOTAL	17.1	18.2	25.5	26.4	7.3	2.7	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
0	.4	.4	1.2	2.1	.6	.1					4.7	11.7
10	1.0	.4	.7	.5							2.5	6.1
20	.3	.6	.8	1.1	.2						3.6	8.2
30	1.3	1.1	.6	1.1		.2					4.9	6.9
40	2.6	1.6	1.2	1.1	.2	.1					6.9	6.5
50	1.0	1.0	1.0	1.2		.1					5.4	7.9
60	.5	.6	.8	.7	.2	.1					2.9	9.3
70	.4	.7	.2	.6	.4						1.8	10.6
80	1.2	1.1	.6	1.0							4.9	8.3
90	1.1	2.2	2.2	3.2	1.4	.5	.2				10.8	11.2
100	1.4	2.3	3.1	4.0	.8	.5					13.5	10.0
110	1.3	4.0	3.8	3.5	1.6	.4					15.0	9.3
120	1.6	3.4	3.1	1.7	.5	.2					10.8	8.5
130	.5	.9	1.1	.5	.2		.1				3.4	8.7
140	.1	.1	.7	1.1	.1						2.2	10.6
150	.2	.6	1.0	.7							2.5	8.5
VARIABLE												
CLIM	////////////////////										4.3	////
TOTALS	16.8	23.7	23.4	25.7	6.7	2.7	.4				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000490 STATION NAME: BRIZE NORTON WAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.5	1.4	2.2	.3	.0	.0				4.6	10.7
NNE	.0	.3	.6	.1	.1	.1					2.5	8.8
NE	.9	.5	.9	.7	.1	.1	.0				3.3	8.1
NNE	1.4	.8	1.4	.7	.3	.1					4.8	7.6
E	1.9	1.3	1.6	1.7	.1	.7					6.7	7.2
ESE	.9	.9	1.3	1.2	.0	.7					4.4	7.7
SE	.8	.6	.6	.8	.2	.7					2.9	7.9
SSE	.6	.4	.6	.5	.3	.7					2.8	9.4
S	1.1	.9	1.1	2.5	.6	.2					6.3	10.1
SSW	.7	1.4	2.3	3.6	1.7	.3	.1	.0			9.5	11.2
SW	1.4	2.0	3.9	4.8	1.1	.2	.0				13.2	10.0
WSW	1.9	3.1	4.3	5.1	1.5	.4	.0	.0			16.2	10.0
W	1.5	2.6	2.7	1.7	.7	.2	.0				9.8	8.4
WNW	.5	.7	1.0	.7	.3	.1	.7				3.5	9.4
W	.2	.4	.8	.9	.2	.7					2.4	9.9
WNW	.2	.4	1.2	1.0	.1	.7					3.1	9.8
VARIABLE												
CALC	////////////////////////////////////										3.8	////
TOTALS	15.1	17.7	25.7	25.1	6.8	1.9	.2	.0			100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 6632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
0	.9	1.4	2.7	1.7	.3	.1	.2					6.5	8.7
045	1.1	1.1	1.6	1.7	.3	.1						5.3	8.3
45	1.1	1.1	1.8	1.7	.4	.1	.2					6.3	9.0
090	1.0	.9	1.4	1.7	.4	.1	.7					5.0	8.7
135	1.4	1.0	1.1	.7	.1	.0	.7					4.5	6.9
180	.9	.7	.7	.6	.1	.0						2.8	6.7
225	.6	.6	.6	.4	.1	.0						2.3	7.0
270	.7	.6	.6	.6	.1	.0	.0					2.6	7.5
315	1.1	1.1	1.5	1.4	.2	.1						5.5	8.2
360	1.1	1.7	2.1	2.4	.6	.1	.7	.0				7.6	9.6
045	1.5	2.1	3.3	3.1	.6	.1	.7					10.7	9.0
090	2.1	3.2	4.7	4.2	.3	.2	.0	.7				15.1	9.0
135	1.2	2.6	2.7	2.0	.5	.1	.0	.7				10.1	8.0
180	.7	.9	1.3	1.0	.3	.1	.0	.0				4.5	8.9
225	.5	.8	1.3	1.7	.2	.0	.0					3.4	8.8
270	.6	.8	1.4	1.1	.2	.0	.0					4.2	8.6
UNDETERMINED	.0											.0	2.0
SPEC	////////////////////////////////////										3.2	////	
TOTALS	17.6	20.0	28.3	24.8	5.1	1.3	.1	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 73371

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (HOURS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	1.3	1.8	1.7	.3	.1	.0					6.1	8.9
NNE	1.4	1.3	1.8	1.6	.5	.1						6.7	8.5
NE	1.6	1.4	2.6	2.1	.5	.1	.3					8.3	8.8
NNE	1.3	1.2	2.1	1.9	.4	.1						7.0	8.8
E	1.4	1.3	1.4	1.2	.1	.0						5.8	6.8
ESE	1.2	1.1	1.3	.7	.1	.3						4.1	6.9
SE	.8	.6	1.1	.7	.1	.3						3.7	7.5
SSE	.4	.6	.8	.7	.2	.3	.7					3.2	8.0
S	1.2	1.3	1.6	1.9	.4	.2						6.9	9.0
SSE	.9	1.1	2.3	2.4	1.2	.3	.7					9.6	11.3
SSW	1.2	1.6	3.2	4.2	1.3	.2	.5					11.5	10.3
WSW	1.8	2.8	3.0	4.1	1.1	.7	.3					12.3	10.0
W	1.9	1.7	.9	.4	.1	.1	.7					4.8	6.2
WSW	.6	.4	.3	.7	.1							1.5	6.0
W	.4	.4	.5	.2	.1	.1						1.7	7.9
WNW	.6	.6	.7	.7	.1	.3	.7					2.4	7.8
VELOCITY													
WIND	////////////////////											4.3	////
TOTALS	14.5	17.4	25.4	26.4	6.7	1.7	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 14379

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSURED	-	10/10

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURTY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

COLLIM.			VISIBILITY IN HUNDREDS OF METERS																
			GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15		
GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17	GE 18	GE 19	GE 20
57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9
59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9
61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9
63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9
65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9
67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9
69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9
71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9
73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9
75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9
77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9
79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9
81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9
83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9
85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9
87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9
89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9
91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9
93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9
95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9
97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9
99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.1	100.2	100.3	100.4	100.5	100.6	100.7	100.8	100.9

TOTAL NUMBER OF OBSERVATIONS: 796

PERCENTAGE FREQUENCY OF OCCURRENCE OF CILING VERSUS VISIBILITY
FROM POLYLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(EST): 0900-1100

CEILING	VISIBILITY IN HUNDREDS OF METERS															
	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
00	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
01	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
02	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
03	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
04	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
05	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
06	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
07	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
08	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
09	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
10	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
13	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
14	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
15	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
17	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
18	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
19	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
20	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
21	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
22	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
23	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
24	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
25	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
27	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
28	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
29	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
30	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
31	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
32	000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
33	000	1	2	3	4	5	6									

TOTAL NUMBER OF OBSERVATIONS: 709

GLOBAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	FT	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	15.4	21.9	22.9	23.8	24.4	24.4	24.8	25.0	25.2	25.2	25.4	25.4	25.5	25.5	25.5	25.5	
GE 200	26.0	34.2	35.6	36.9	37.9	38.4	38.9	39.4	39.5	39.5	39.7	39.7	39.9	39.9	39.9	39.9	
GE 160	26.0	34.3	35.7	37.0	38.0	38.5	39.0	39.5	39.6	39.6	39.9	39.9	40.0	40.0	40.0	40.0	
GE 140	26.7	34.3	35.7	37.0	38.0	38.5	39.0	39.5	39.6	39.6	39.9	39.9	40.0	40.0	40.0	40.0	
GE 120	27.7	35.0	36.4	37.9	38.9	39.4	39.9	40.6	40.8	40.8	41.0	41.0	41.1	41.1	41.1	41.1	
GE 100	29.4	35.5	36.9	38.5	39.6	40.1	40.6	41.4	41.5	41.5	41.8	41.8	41.9	41.9	41.9	41.9	
GE 80	30.7	36.1	37.7	41.5	42.6	43.1	43.6	44.5	44.7	44.7	44.9	44.9	45.0	45.0	45.0	45.0	
GE 60	31.0	36.9	40.5	42.3	43.4	43.9	44.4	45.3	45.4	45.4	45.7	45.7	45.8	45.8	45.8	45.8	
GE 40	31.9	36.9	40.5	42.3	43.4	43.9	44.4	45.3	45.4	45.4	45.7	45.7	45.8	45.8	45.8	45.8	
GE 32	32.1	37.1	40.6	42.5	43.6	44.2	44.7	45.5	45.7	45.7	45.9	45.9	46.0	46.0	46.0	46.0	
GE 24	32.3	37.7	41.5	43.4	44.5	45.0	45.5	46.5	46.7	46.7	46.9	46.9	47.0	47.0	47.0	47.0	
GE 20	32.7	37.7	40.4	42.1	44.4	45.9	46.5	47.3	48.6	48.7	48.9	48.9	49.1	49.1	49.1	49.1	
GE 16	32.7	39.4	43.3	45.7	47.2	47.8	48.8	50.2	50.3	50.4	50.7	50.7	50.8	50.8	50.8	50.8	
GE 12	32.7	40.6	44.5	46.9	48.6	49.2	50.2	51.7	51.8	51.9	52.2	52.2	52.3	52.3	52.3	52.3	
GE 10	32.8	41.0	44.2	46.0	48.7	50.4	51.2	52.2	53.7	53.8	54.0	54.2	54.2	54.3	54.3	54.3	
GE 8	32.8	40.5	49.4	51.2	53.2	54.0	55.1	56.7	56.9	57.0	57.2	57.2	57.4	57.4	57.4	57.4	
GE 6	32.8	49.7	51.8	54.6	56.6	57.4	58.6	60.4	60.5	60.6	60.9	60.9	61.1	61.1	61.1	61.1	
GE 4	32.8	54.5	57.3	60.3	62.3	63.1	64.4	66.3	66.4	66.5	66.8	66.8	67.0	67.0	67.0	67.0	
GE 3	32.8	57.7	61.0	63.4	64.3	65.8	67.7	67.8	67.9	68.2	68.2	68.4	68.4	68.4	68.4	68.4	
GE 2	32.8	57.2	63.5	65.9	67.0	68.9	71.2	71.3	71.4	71.7	71.7	71.9	71.9	71.9	71.9	71.9	
GE 1	32.8	61.5	64.4	68.9	71.8	73.1	75.1	77.7	77.9	78.0	78.2	78.2	78.5	78.5	78.5	78.5	
GE 0	40.1	62.8	66.3	71.2	74.5	76.0	78.1	81.0	81.1	81.3	81.5	81.5	81.8	81.8	81.8	81.8	
GE 0	40.3	63.1	66.8	71.7	75.0	76.6	78.7	81.9	82.0	82.1	82.4	82.4	82.6	82.6	82.6	82.6	
GE 0	40.3	63.6	67.9	73.2	76.6	78.5	80.6	84.0	84.2	84.3	84.5	84.5	84.8	84.8	84.8	84.8	
GE 0	40.3	64.2	68.5	74.0	77.4	79.2	81.4	85.0	85.2	85.5	85.9	85.9	86.2	86.3	86.3	86.3	
GE 0	40.3	64.7	69.3	75.0	79.0	81.1	83.4	87.2	87.4	88.2	88.6	88.6	88.8	88.9	88.9	88.9	
GE 0	40.7	64.9	70.1	75.0	80.5	82.6	85.2	87.3	87.7	90.7	91.1	91.1	91.3	91.4	91.4	91.4	
GE 0	40.7	65.2	70.6	76.5	82.0	84.9	87.7	92.1	92.5	93.5	93.8	93.8	94.1	94.2	94.2	94.2	
GE 0	40.7	65.2	70.7	76.6	82.5	85.3	88.1	92.8	93.2	94.3	94.8	94.8	95.1	95.2	95.2	95.2	
GE 0	40.7	65.2	70.7	76.6	82.5	85.5	88.3	93.2	94.2	95.8	96.4	96.4	96.6	96.7	96.7	96.9	
GE 0	40.7	65.2	70.7	76.6	82.5	85.5	88.3	93.2	94.2	95.8	96.4	96.4	96.6	96.9	97.0	97.9	
GE 0	40.7	65.2	70.7	76.6	82.5	85.5	88.3	93.2	94.2	95.8	96.4	96.4	96.6	96.9	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 795

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 73-87
MONTH: JAN HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN M	GE 20	GE 40	GE 60	GE 80	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 220	GE 240	GE 260	GE 280	GE 300	
50	15.2	22.9	24.0	25.1	26.2	27.3	28.5	29.6	30.7	30.3	30.7	30.9	31.2	31.2	31.2	31.4	
60	18.3	26.9	28.2	29.5	30.7	31.8	33.0	34.2	35.3	37.0	37.3	37.6	38.7	38.7	38.7	38.9	
70	21.3	29.4	30.7	32.0	33.5	34.6	35.7	37.5	37.8	38.3	38.7	38.9	39.2	39.2	39.2	39.4	
80	24.4	32.4	33.7	35.0	36.5	37.6	38.7	37.5	37.9	38.3	38.7	38.9	39.2	39.2	39.2	39.4	
90	27.4	35.5	36.7	38.0	39.5	40.6	41.7	38.5	38.9	39.3	39.7	39.9	40.2	40.2	40.2	40.4	
100	30.5	38.6	39.9	41.2	42.7	43.8	44.9	41.7	42.1	42.5	42.9	43.2	43.5	43.5	43.5	43.7	
110	33.6	41.7	43.0	44.3	45.8	46.9	48.0	44.8	45.2	45.6	45.9	46.2	46.4	46.4	46.4	46.7	
120	36.7	44.8	46.1	47.4	48.9	49.9	51.0	47.6	48.0	48.4	48.7	49.0	49.2	49.2	49.2	49.5	
130	39.8	47.9	49.2	50.5	52.0	53.0	54.1	50.9	51.3	51.7	52.0	52.3	52.5	52.5	52.5	52.8	
140	42.9	51.0	52.3	53.6	55.1	56.1	57.2	54.0	54.4	54.8	55.1	55.4	55.6	55.6	55.6	55.9	
150	46.0	54.1	55.4	56.7	58.2	59.2	60.3	57.1	57.5	57.9	58.2	58.5	58.7	58.7	58.7	59.0	
160	49.1	57.2	58.5	59.8	61.3	62.3	63.4	60.2	60.6	61.0	61.3	61.6	61.8	61.8	61.8	62.1	
170	52.2	60.3	61.6	62.9	64.4	65.4	66.5	63.3	63.7	64.1	64.4	64.7	64.9	64.9	64.9	65.2	
180	55.3	63.4	64.7	66.0	67.5	68.5	69.6	66.4	66.8	67.2	67.5	67.8	68.0	68.0	68.0	68.3	
190	58.4	66.5	67.8	69.1	70.6	71.6	72.7	69.5	69.9	70.3	70.6	70.9	71.1	71.1	71.1	71.4	
200	61.5	69.6	70.9	72.2	73.7	74.7	75.8	72.6	73.0	73.4	73.7	74.0	74.2	74.2	74.2	74.5	
210	64.6	72.7	74.0	75.3	76.8	77.8	78.9	75.7	76.1	76.5	76.8	77.1	77.3	77.3	77.3	77.6	
220	67.7	75.8	77.1	78.4	79.9	80.9	82.0	78.8	79.2	79.6	79.9	80.2	80.4	80.4	80.4	80.7	
230	70.8	78.9	80.2	81.5	83.0	84.0	85.1	81.9	82.3	82.7	83.0	83.3	83.5	83.5	83.5	83.8	
240	73.9	82.0	83.3	84.6	86.1	87.1	88.2	85.0	85.4	85.8	86.1	86.4	86.6	86.6	86.6	86.9	
250	77.0	85.1	86.4	87.7	89.2	90.2	91.3	88.1	88.5	88.9	89.2	89.5	89.7	89.7	89.7	90.0	
260	80.1	88.2	89.5	90.8	92.3	93.3	94.4	91.2	91.6	92.0	92.3	92.6	92.8	92.8	92.8	93.1	
270	83.2	91.3	92.6	93.9	95.4	96.4	97.5	94.3	94.7	95.1	95.4	95.7	95.9	95.9	95.9	96.2	
280	86.3	94.4	95.7	97.0	98.5	99.5	100.6	97.4	97.8	98.2	98.5	98.8	99.0	99.0	99.0	99.3	
290	89.4	97.5	98.8	100.0	101.5	102.5	103.6										

TOTAL SUPPLY OF OBSERVATIONS: 749

CLIMATE CLIMATOLOGY BRANCH
USAF/CLC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 066450 STATION NAME: PRICE HORTON AFB OK

PERIOD OF RECORD: 78-86
MONTH: JAN FOURSEILST: 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CEIL	27.7	24.7	26.1	27.2	27.7	28.0	29.6	30.0	30.9	31.4	31.5	31.5	32.1	32.5	32.9		
GE 100	27.7	29.7	31.5	32.6	33.5	33.8	35.6	36.7	36.9	37.4	37.5	37.5	37.6	37.6	38.3	38.6	39.0
GE 200	27.9	29.9	31.6	32.7	32.6	33.9	35.8	36.1	37.0	37.5	37.6	37.6	37.6	38.3	38.6	39.0	
GE 300	28.0	30.0	31.7	32.9	32.8	34.0	35.9	36.3	37.1	37.6	37.8	37.8	37.8	38.4	38.8	39.1	
GE 400	29.7	31.9	33.6	34.8	35.6	35.9	38.0	38.5	39.4	39.9	40.0	40.0	40.0	40.7	41.0	41.4	
GE 500	32.7	32.9	34.0	35.8	36.6	37.0	39.1	39.6	40.5	41.0	41.2	41.2	41.2	41.8	42.2	42.5	
GE 600	31.4	33.5	35.4	36.5	37.4	37.6	39.9	40.5	41.4	41.9	42.0	42.0	42.0	42.7	43.0	43.4	
GE 700	31.7	33.9	35.6	36.9	37.6	38.1	40.3	40.9	41.8	42.3	42.4	42.4	42.4	43.0	43.4	43.8	
GE 800	32.4	34.5	36.4	37.5	38.4	38.8	40.9	41.5	42.4	42.9	43.0	43.0	43.0	43.7	44.0	44.4	
GE 900	33.9	36.0	38.0	39.1	40.2	40.8	42.2	43.8	44.7	45.2	45.3	45.3	45.3	45.9	46.3	46.7	
GE 1000	36.1	38.4	40.9	42.3	43.3	43.9	46.7	47.3	48.3	48.8	48.9	48.9	48.9	49.6	49.9	50.3	
GE 1200	37.6	40.0	42.5	43.9	44.9	45.5	48.3	48.9	49.9	50.4	50.6	50.6	50.6	51.2	51.6	51.9	
GE 1400	39.2	41.7	44.5	46.3	47.3	47.9	50.6	51.4	52.4	52.9	53.1	53.1	53.1	53.7	54.1	54.5	
GE 1600	39.8	42.2	45.0	46.9	47.9	48.6	51.4	52.1	53.1	53.6	53.7	53.7	53.7	54.3	54.7	55.1	
GE 1800	41.9	44.5	47.0	49.0	51.2	51.9	54.8	55.5	56.5	57.7	57.1	57.1	57.1	57.7	58.1	58.5	
GE 2000	44.2	47.1	50.4	52.9	54.5	55.3	58.6	59.2	60.2	60.7	60.9	60.9	60.9	61.5	61.9	62.2	
GE 2200	48.2	51.2	55.0	57.8	59.5	60.7	64.4	65.7	66.0	66.5	66.6	66.6	66.6	67.3	67.6	68.0	
GE 2400	49.4	52.4	56.2	59.3	61.1	62.6	66.2	66.9	67.9	68.4	68.5	68.5	68.5	69.1	69.5	69.9	
GE 2600	52.2	55.3	59.2	62.4	64.6	66.4	70.3	70.9	71.9	72.4	72.5	72.5	72.5	73.1	73.5	73.9	
GE 2800	55.6	59.3	63.4	66.8	69.3	71.1	75.4	76.2	77.2	77.7	77.8	77.8	77.8	78.4	78.8	79.2	
GE 3000	58.2	61.9	65.9	69.4	71.1	74.0	78.7	79.4	80.4	80.9	81.1	81.1	81.1	81.7	82.1	82.4	
GE 3200	58.6	62.2	66.2	69.8	71.5	74.5	79.2	79.9	80.9	81.4	81.6	81.6	81.6	82.2	82.6	82.9	
GE 3400	59.2	63.1	67.4	70.9	73.7	75.8	80.8	81.6	82.0	82.1	82.2	82.2	82.2	82.9	83.4	83.9	
GE 3600	60.1	64.0	68.4	71.9	74.7	76.8	82.2	82.9	84.1	84.6	84.7	84.7	84.7	85.4	85.9	86.4	
GE 3800	60.6	64.0	69.4	73.0	75.6	77.9	83.6	84.3	85.4	85.9	86.1	86.1	86.1	86.8	87.3	87.8	
GE 4000	62.2	65.7	71.4	74.7	76.9	79.0	84.9	85.7	86.8	87.3	87.6	87.6	87.6	88.3	88.8	89.3	
GE 4200	61.6	65.5	71.3	75.5	78.7	80.9	87.5	88.5	89.6	90.1	90.3	90.3	90.3	91.1	91.6	92.1	
GE 4400	61.6	66.6	71.4	75.7	78.3	81.7	89.0	90.7	91.2	91.8	92.2	92.2	92.2	93.1	93.6	94.1	
GE 4600	61.6	66.6	71.4	75.7	78.3	81.7	89.0	91.6	91.6	92.0	92.6	92.6	92.6	93.1	93.6	94.1	
GE 4800	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 5000	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 5200	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 5400	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 5600	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 5800	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 6000	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 6200	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 6400	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 6600	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 6800	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 7000	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 7200	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 7400	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 7600	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 7800	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 8000	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 8200	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 8400	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 8600	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 8800	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 9000	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 9200	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 9400	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 9600	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 9800	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	
GE 10000	61.6	66.6	71.4	75.7	78.3	81.7	89.6	91.8	92.4	92.6	92.6	92.6	92.6	93.1	93.6	94.1	

TOTAL NUMBER OF OBSERVATIONS: 797

CLIMATE CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 484950 STATION NAME: BRIEF NOTION RAF LK

PERIOD OF RECORD: 78-87
MONTH: JAN FOURSELESTI: ALL

CEILING FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 12	GE 14	GE 16	GE 18	GE 20	GE 24
00 CEIL	17.1	22.5	23.6	25.1	26.1	26.6	27.0	27.9	28.2	28.6	28.8	28.9	29.0	29.2	29.3	29.5
01 CEIL	21.4	28.7	30.1	32.1	33.3	34.0	34.7	35.8	36.2	36.7	36.9	37.0	37.1	37.3	37.4	37.6
02 CEIL	21.5	28.6	30.2	32.2	33.5	34.2	34.8	35.9	36.3	36.8	37.0	37.1	37.2	37.3	37.5	37.7
03 CEIL	21.5	28.4	30.3	32.2	33.5	34.2	34.8	35.9	36.4	36.8	37.1	37.2	37.3	37.5	37.5	37.8
04 CEIL	21.9	29.6	31.0	32.0	34.3	35.0	35.6	36.8	37.2	37.7	37.9	38.1	38.1	38.4	38.4	38.7
05 CEIL	22.7	30.6	32.2	34.2	35.6	36.3	37.0	38.2	38.6	39.1	39.3	39.5	39.5	39.8	39.8	40.1
06 CEIL	23.1	32.0	34.2	36.3	37.7	38.5	39.2	40.6	41.0	41.5	41.8	41.9	42.0	42.2	42.3	42.5
07 CEIL	24.0	33.3	34.8	37.0	38.5	39.3	40.0	41.3	41.8	42.3	42.6	42.7	42.8	43.0	43.1	43.3
08 CEIL	24.4	32.4	34.6	37.1	38.6	39.4	40.1	41.4	41.9	42.4	42.7	42.8	42.9	43.1	43.2	43.4
09 CEIL	24.5	33.7	35.2	37.5	38.9	39.7	40.4	41.7	42.3	42.7	43.0	43.1	43.2	43.4	43.5	43.7
10 CEIL	25.0	34.5	36.1	38.4	39.9	40.6	41.5	43.1	43.6	44.1	44.4	44.5	44.6	44.8	44.9	45.1
11 CEIL	26.1	36.3	38.1	40.7	42.5	43.6	44.6	46.5	47.1	47.7	48.0	48.2	48.2	48.5	48.5	48.8
12 CEIL	27.0	37.8	39.7	42.4	44.2	45.4	46.5	48.5	49.1	49.6	50.0	50.2	50.3	50.6	50.7	50.9
13 CEIL	28.7	39.3	41.3	44.2	46.2	47.4	48.5	50.7	51.3	51.9	52.3	52.4	52.6	52.9	52.9	53.2
14 CEIL	29.7	40.4	42.5	45.4	47.5	48.7	49.9	52.1	52.7	53.3	53.7	53.8	54.0	54.3	54.3	54.6
15 CEIL	30.7	42.6	44.8	48.0	50.2	51.5	52.7	55.0	55.7	56.3	56.7	56.8	57.0	57.3	57.4	57.6
16 CEIL	31.7	44.8	47.2	50.4	52.7	54.1	55.5	57.8	58.6	59.2	59.6	59.8	59.9	60.2	60.3	60.6
17 CEIL	32.0	45.3	51.0	55.4	58.0	59.5	61.1	63.7	64.5	65.1	65.5	65.6	65.8	66.1	66.2	66.5
18 CEIL	32.7	50.6	53.3	56.9	59.6	61.2	62.9	65.6	66.4	67.1	67.5	67.6	67.8	68.1	68.2	68.5
19 CEIL	33.0	53.1	55.9	59.7	62.5	64.3	66.2	69.2	70.0	70.7	71.1	71.2	71.4	71.7	71.8	72.0
20 CEIL	33.0	56.8	60.0	64.1	67.2	69.2	71.4	74.5	75.4	76.1	76.5	76.6	76.8	77.1	77.2	77.5
21 CEIL	34.1	58.9	62.4	66.8	70.1	72.4	74.6	78.0	78.9	79.6	80.0	80.2	80.3	80.7	80.7	81.0
22 CEIL	34.8	59.5	63.0	67.5	70.9	73.2	75.5	79.0	79.9	80.6	81.1	81.2	81.4	81.7	81.8	82.1
23 CEIL	35.0	61.6	64.5	69.3	72.9	75.3	77.7	81.4	82.3	83.0	83.5	83.7	83.8	84.2	84.3	84.6
24 CEIL	35.1	61.1	65.2	70.3	73.9	76.5	78.9	82.9	83.8	84.7	85.2	85.3	85.5	85.9	86.0	86.3
25 CEIL	35.0	61.7	66.0	71.4	75.2	77.9	80.5	84.7	85.8	86.7	87.3	87.4	87.6	88.0	88.1	88.4
26 CEIL	35.7	61.1	66.0	72.3	76.6	79.5	82.1	86.6	87.7	88.9	89.4	89.6	89.8	90.2	90.3	90.6
27 CEIL	35.7	62.2	66.9	72.8	77.5	80.6	83.5	88.5	89.6	90.9	91.5	91.7	91.9	92.3	92.4	92.7
28 CEIL	35.7	62.2	67.1	72.9	77.8	81.2	84.0	89.4	90.7	92.2	92.8	93.1	93.3	93.7	93.8	94.1
29 CEIL	35.7	62.2	67.0	72.9	77.9	81.3	84.2	89.9	91.6	93.5	94.4	94.7	94.9	95.5	95.6	96.0
30 CEIL	35.7	62.2	67.0	72.9	77.9	81.3	84.2	89.9	91.6	93.6	94.8	95.2	95.5	96.2	96.4	97.2
31 CEIL	35.7	62.2	67.0	72.9	77.9	81.3	84.2	89.9	91.6	94.0	95.1	95.5	96.0	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 1751

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
		1	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
FEET		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
50	0000	1	0.4	14.3	16.1	19.5	21.1	22.9	24.3	25.1	25.7	26.6	26.9	27.2	27.4	27.4	27.4
60	0100	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
70	0200	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
80	0300	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
90	0400	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
100	0500	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
110	0600	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
120	0700	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
130	0800	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
140	0900	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
150	1000	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
160	1100	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
170	1200	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
180	1300	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
190	1400	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
200	1500	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
210	1600	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
220	1700	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
230	1800	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
240	1900	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
250	2000	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
260	2100	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
270	2200	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.8	31.0	31.0	31.0
280	2300	1	0.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5				

TOTAL NUMBER OF OBSERVATIONS: 672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 070450 STATION NAME: BRIST NOTION HAF UK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0600-2400

CEILING FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CLD	1.7	0.0	10.2	13.6	15.1	16.4	17.6	19.1	20.3	21.2	21.5	21.8	21.8	21.8	21.8	21.9
1-100	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
101-200	1.7	11.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
201-300	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
301-400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
401-500	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
501-600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
601-700	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
701-800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
801-900	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
901-1000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
1001-1200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
1201-1400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
1401-1600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
1601-1800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
1801-2000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
2001-2200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
2201-2400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
2401-2600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
2601-2800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
2801-3000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
3001-3200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
3201-3400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
3401-3600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
3601-3800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
3801-4000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
4001-4200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
4201-4400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
4401-4600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
4601-4800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
4801-5000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
5001-5200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
5201-5400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
5401-5600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
5601-5800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
5801-6000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
6001-6200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
6201-6400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
6401-6600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
6601-6800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
6801-7000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
7001-7200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
7201-7400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
7401-7600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
7601-7800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
7801-8000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
8001-8200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
8201-8400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
8401-8600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
8601-8800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
8801-9000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
9001-9200	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
9201-9400	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
9401-9600	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
9601-9800	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7
9801-10000	1.7	12.7	17.3	17.6	19.0	20.1	20.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAG
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85

MONTH: FEB

HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GE 100	GE 200	GE 300	GE 400	GE 500	GE 600	GE 700	GE 800	GE 900	GE 1000	GE 1200	GE 1400	GE 1600	GE 1800	GE 2000	GE 2500	GE 3000
NO CEIL	7.0	12.9	14.0	15.2	16.6	17.7	17.1	19.4	19.4	19.4	19.6	18.6	19.6	18.6	18.7	16.9	
GE 0-100	13.0	22.0	23.6	26.3	28.2	29.7	30.3	30.6	30.9	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2
GE 100-200	17.3	22.0	23.6	26.3	28.2	29.7	30.3	30.6	30.9	31.1	31.1	31.2	31.2	31.2	31.2	31.4	31.5
GE 200-300	17.4	22.3	24.1	26.9	29.3	31.6	31.4	31.6	31.8	31.9	32.1	32.1	32.1	32.1	32.2	32.4	
GE 300-400	17.5	23.0	24.8	27.9	31.6	31.1	32.7	33.0	33.1	33.3	33.4	33.4	33.4	33.4	33.6	33.7	
GE 400-500	18.5	26.3	28.1	31.2	34.7	35.7	36.6	36.8	37.0	37.1	37.3	37.3	37.3	37.3	37.4	37.6	
GE 500-600	18.6	27.0	29.3	32.4	35.4	36.6	37.7	38.0	38.2	38.5	38.6	38.6	38.6	38.6	38.8	38.9	
GE 600-700	18.6	27.3	29.4	32.5	35.5	37.0	37.9	38.2	38.3	38.6	38.8	38.8	38.8	38.8	38.9	39.1	
GE 700-800	18.6	27.3	29.4	32.5	35.5	37.0	37.9	38.2	38.3	38.6	38.8	38.8	38.8	38.8	38.9	39.1	
GE 800-900	18.7	28.5	30.6	33.7	36.8	38.5	39.7	40.0	40.1	40.4	40.6	40.6	40.6	40.6	40.7	40.9	
GE 900-1000	18.9	31.2	32.8	36.1	39.4	41.0	42.2	42.5	42.6	42.9	43.1	43.1	43.1	43.1	43.2	43.4	
GE 1000-1200	19.3	33.3	34.4	37.4	42.6	44.3	45.5	45.6	45.7	46.2	46.4	46.4	46.4	46.4	46.5	46.7	
GE 1200-1400	21.1	35.2	38.0	41.3	44.6	46.4	47.5	47.8	48.0	48.3	48.4	48.4	48.4	48.4	48.6	48.7	
GE 1400-1600	21.2	35.5	38.6	41.9	45.7	47.1	48.3	48.6	48.7	49.0	49.2	49.2	49.2	49.2	49.3	49.5	
GE 1600-1800	21.3	36.7	39.5	43.1	46.4	48.3	49.5	49.8	49.9	50.2	50.4	50.4	50.4	50.4	50.5	50.7	
GE 1800-2000	21.3	40.3	43.4	47.1	50.7	51.7	51.7	54.2	54.4	54.7	54.9	54.8	54.8	54.8	55.0	55.1	
GE 2000-2500	21.4	44.0	47.4	51.6	55.1	57.4	58.5	58.8	59.1	59.7	59.9	59.9	59.9	59.9	60.0	60.2	
GE 2500-3000	21.4	46.4	49.9	54.2	57.8	60.2	61.4	61.7	62.0	62.5	62.7	62.7	62.7	62.7	62.9	63.0	
GE 3000-3500	21.6	49.3	51.2	57.9	62.6	64.9	66.1	66.4	66.7	67.3	67.5	67.5	67.5	67.5	67.6	67.8	
GE 3500-4000	21.7	51.6	55.9	61.5	66.7	69.4	71.9	71.5	71.8	72.5	72.7	72.7	72.7	72.7	72.8	73.0	
GE 4000-4500	21.7	57.6	57.1	63.4	69.5	72.2	74.1	75.0	75.3	76.4	76.5	76.5	76.5	76.5	76.7	76.6	
GE 4500-5000	21.7	53.5	57.5	64.3	70.6	72.6	75.6	76.7	77.1	78.0	78.2	78.2	78.2	78.2	78.3	78.5	
GE 5000-5500	21.7	53.6	59.0	66.0	71.3	70.2	73.5	73.9	74.4	81.4	81.6	81.6	81.6	81.6	81.7	81.9	
GE 5500-6000	21.7	54.7	61.0	68.2	75.0	76.5	77.7	81.1	83.5	84.7	85.0	85.0	85.0	85.0	85.1	85.3	
GE 6000-6500	21.7	59.3	61.9	73.0	77.4	81.0	83.4	86.3	87.1	88.3	88.9	88.9	88.9	88.9	89.0	89.2	
GE 6500-7000	21.7	65.9	61.7	71.2	79.2	82.8	85.3	88.7	89.6	90.9	91.7	91.7	91.7	91.7	91.8	92.0	
GE 7000-7500	21.7	65.9	61.7	71.3	79.6	83.4	86.2	91.3	91.7	92.6	93.5	93.5	93.5	93.5	93.6	93.8	
GE 7500-8000	21.7	65.9	61.7	71.3	79.6	83.5	86.3	91.3	91.4	93.0	94.1	94.1	94.1	94.1	94.2	94.4	
GE 8000-8500	21.7	65.9	61.7	71.3	79.6	83.5	86.3	91.3	91.4	93.0	94.1	94.1	94.1	94.1	94.2	94.4	
GE 8500-9000	21.7	65.9	61.7	71.3	79.6	83.5	86.3	91.3	91.4	93.0	94.1	94.1	94.1	94.1	94.2	94.4	
GE 9000-9500	21.7	65.9	61.7	71.3	79.6	83.5	86.3	91.3	91.4	93.0	94.1	94.1	94.1	94.1	94.2	94.4	
GE 9500-10000	21.7	65.9	61.7	71.3	79.6	83.5	86.3	91.3	91.4	93.0	94.1	94.1	94.1	94.1	94.2	94.4	
GE 10000-10000	21.7	65.9	61.7	71.3	79.6	83.5	86.3	91.3	91.4	93.0	94.1	94.1	94.1	94.1	94.2	94.4	

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH
JSTAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 070497 STATION NAME: BRICE MORTON AFB LM

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(UT): 2100-2300

CEILING IN FEET	1 100	GE 00	GE 60	GE 66	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 4	GE 0
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO CEILING	17.7	17.6	27.5	22.7	24.2	26.3	27.4	24.8	29.2	29.8	30.0	30.4	30.4	30.4	30.4	30.4		
GE 200	20.0	21.1	24.3	27.7	27.9	32.0	33.7	35.3	35.9	36.6	36.8	37.2	37.2	37.2	37.2	37.2		
GE 400	20.0	21.7	24.9	28.3	27.4	32.6	34.3	35.9	36.6	37.4	37.5	38.0	38.0	38.0	38.0	38.0		
GE 600	20.0	21.7	24.9	28.3	30.4	32.6	34.3	35.9	36.6	37.4	37.5	38.0	38.0	38.0	38.0	38.0		
GE 800	20.0	22.1	25.4	28.4	30.5	33.1	34.7	36.4	37.2	38.1	38.3	38.7	39.7	38.7	38.7	38.9		
GE 1000	20.0	22.6	26.3	29.7	31.8	34.0	35.6	37.2	38.1	39.0	39.2	39.6	39.6	39.6	39.6	39.8		
GE 1200	27.1	23.7	27.3	30.9	32.9	35.2	36.8	38.9	39.8	40.9	41.1	41.5	41.5	41.5	41.5	41.7		
GE 1400	27.1	24.3	27.9	31.0	34.1	36.5	38.1	40.2	41.1	42.3	42.4	42.9	42.9	42.9	42.9	43.0		
GE 1600	27.1	24.5	28.0	31.8	34.4	36.8	38.6	40.7	41.5	42.7	42.9	43.3	43.3	43.3	43.3	43.5		
GE 1800	27.1	24.6	28.2	31.9	34.6	36.9	38.7	40.8	41.7	42.9	43.0	43.5	43.5	43.5	43.5	43.6		
GE 2000	27.1	25.8	29.4	33.2	36.1	38.9	40.7	42.7	43.6	45.0	45.3	45.7	46.0	46.0	46.0	46.3		
GE 2200	30.4	26.7	30.3	34.3	38.1	40.9	42.0	45.3	46.1	47.5	47.9	48.2	48.5	48.5	48.5	48.8		
GE 2400	30.4	27.4	31.0	35.0	39.0	41.0	44.1	46.3	47.2	48.5	49.8	49.3	49.6	49.6	49.6	49.9		
GE 2600	30.4	28.9	31.2	37.4	41.5	44.4	46.6	48.8	49.7	51.0	51.3	51.8	52.1	52.1	52.1	52.4		
GE 2800	30.4	29.2	33.8	38.6	42.7	45.5	47.8	50.0	50.9	52.2	52.5	53.0	53.3	53.3	53.3	53.6		
GE 3000	30.4	31.8	36.5	41.4	46.5	48.4	50.7	53.0	53.9	55.2	55.5	55.9	56.2	56.2	56.2	56.5		
GE 3200	30.4	34.9	39.9	45.1	49.4	52.4	54.9	57.1	59.0	59.3	59.6	60.1	60.4	60.4	60.4	60.7		
GE 3400	30.4	37.7	43.9	50.1	54.7	57.7	60.2	62.6	63.5	65.0	65.6	66.0	66.3	66.3	66.3	66.6		
GE 3600	30.4	39.5	45.1	51.0	56.4	59.3	62.0	64.4	65.3	66.8	67.4	67.6	68.1	68.1	68.1	68.4		
GE 3800	30.4	41.5	47.7	54.2	59.5	62.8	65.4	68.2	69.3	70.8	71.4	71.8	72.1	72.1	72.1	72.4		
GE 4000	30.4	44.4	50.6	56.0	64.5	68.2	70.9	74.5	76.7	77.4	78.0	78.5	79.8	78.8	78.8	79.1		
GE 4200	30.4	44.6	51.3	56.9	66.3	70.2	73.0	76.9	78.3	79.8	80.4	80.9	81.2	81.2	81.2	81.5		
GE 4400	30.4	45.2	51.9	61.8	67.2	71.1	73.9	77.4	79.4	80.9	81.5	81.9	82.2	82.2	82.2	82.5		
GE 4600	30.4	46.9	53.9	63.1	69.6	73.6	76.4	80.4	81.9	83.4	84.0	84.4	84.7	84.7	84.7	85.0		
GE 4800	30.4	47.3	54.6	64.1	70.7	74.5	77.7	82.0	83.9	85.3	85.9	86.4	86.6	86.6	86.6	86.9		
GE 5000	30.4	47.5	54.7	64.5	72.1	76.0	79.4	84.0	86.2	87.7	88.3	88.7	89.0	89.0	89.0	89.3		
GE 5200	30.4	47.5	55.1	65.0	72.7	77.3	80.3	85.2	87.4	88.9	89.5	89.9	90.2	90.2	90.2	90.5		
GE 5400	30.4	47.5	55.2	65.1	73.1	78.6	81.2	86.2	88.4	89.9	90.5	90.9	91.2	91.2	91.2	91.5		
GE 5600	30.4	47.5	55.2	65.1	73.7	79.0	82.0	87.4	89.7	91.2	91.4	92.3	92.6	92.6	92.6	92.9		
GE 5800	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	90.7	92.7	92.7	93.9	94.2	94.2	94.2	94.5		
GE 6000	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 6200	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 6400	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 6600	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 6800	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 7000	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 7200	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 7400	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 7600	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 7800	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 8000	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 8200	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 8400	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 8600	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 8800	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 9000	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 9200	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 9400	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 9600	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 9800	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		
GE 10000	30.4	47.5	55.2	65.1	73.9	79.9	82.5	88.1	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3		

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
METEOROLOGICAL
AIR QUALITY SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 206492 STATION NAME: BRICE NORTON RAF UK

PERIOD OF RECORD: 78-85,87

MONTH: FEB

HOURS(IST):

ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 15	GE 20	GE 25	GE 30	GE 35	GE 40	GE 45	GE 50	GE 55	GE 60	GE 65	GE 70	GE 75	GE 80	GE 90
NO CLIL	2.4	14.3	15.7	17.9	19.4	20.0	21.6	22.7	23.2	23.7	23.9	24.0	24.1	24.2	24.2	24.2
GE 1000	22.1	19.2	20.9	24.1	26.2	27.7	29.0	30.5	31.2	31.7	32.0	32.1	32.2	32.2	32.2	32.4
GE 1500	17.3	12.3	21.0	24.2	26.4	27.4	29.2	30.8	31.5	32.0	32.2	32.4	32.5	32.5	32.5	32.7
GE 2000	12.7	19.3	21.0	24.2	26.4	27.4	29.2	30.8	31.5	32.0	32.2	32.4	32.5	32.5	32.5	32.7
GE 2500	10.7	19.8	21.5	24.9	27.1	28.0	30.0	31.5	32.2	32.8	33.0	33.2	33.3	33.3	33.3	33.5
GE 3000	10.7	20.5	22.3	25.5	28.1	29.0	31.0	32.6	33.4	34.0	34.3	34.4	34.5	34.5	34.6	34.7
GE 3500	17.6	22.2	24.1	27.6	30.1	31.6	33.1	34.6	35.7	36.4	36.7	36.8	36.9	37.0	37.0	37.1
GE 4000	13.8	22.6	24.7	28.3	30.9	32.4	33.9	35.7	36.7	37.4	37.7	37.8	37.9	38.0	38.0	38.1
GE 4500	17.8	20.9	24.8	28.4	31.1	32.6	34.1	35.9	36.9	37.6	37.9	38.0	38.1	38.2	38.2	38.3
GE 5000	17.4	23.1	25.1	28.7	31.4	32.9	34.6	36.3	37.2	37.9	38.2	38.4	38.4	38.5	38.5	38.7
GE 5500	19.4	24.2	26.2	30.0	32.8	34.4	36.0	37.8	38.7	39.6	39.9	40.0	40.1	40.2	40.3	40.4
GE 6000	16.9	26.5	28.7	32.7	35.8	37.0	39.3	41.2	42.2	43.0	43.3	43.5	43.6	43.7	43.7	43.9
GE 6500	17.7	28.1	30.4	34.6	37.7	39.0	41.3	43.3	44.4	45.1	45.5	45.6	45.8	45.9	45.9	46.1
GE 7000	17.9	29.4	31.7	36.1	39.4	41.3	43.0	45.2	46.3	47.0	47.4	47.5	47.6	47.7	47.8	48.0
GE 7500	19.1	27.9	32.4	36.9	40.2	42.2	44.0	46.1	47.2	48.0	48.3	48.5	48.6	48.7	48.8	49.0
GE 8000	17.0	21.6	34.6	39.4	42.8	44.8	46.6	48.6	49.6	50.7	51.0	51.2	51.3	51.4	51.5	51.7
GE 8500	17.0	34.7	37.8	42.9	46.0	48.0	50.4	52.8	54.0	54.7	55.1	55.2	55.3	55.4	55.5	55.7
GE 9000	20.0	28.6	41.9	47.0	51.6	53.8	55.8	58.1	59.6	60.5	60.9	61.1	61.2	61.3	61.4	61.6
GE 9500	22.0	43.1	43.5	49.5	53.6	56.9	57.9	60.6	61.9	62.9	63.3	63.5	63.7	63.8	63.8	64.0
GE 10000	24.0	42.2	45.9	52.3	57.0	59.4	61.5	64.3	65.6	66.6	67.2	67.4	67.5	67.6	67.7	67.9
GE 10500	24.7	44.0	49.7	55.8	61.2	64.0	66.5	69.6	71.0	72.2	72.7	72.9	73.0	73.1	73.2	73.4
GE 11000	21.1	43.7	50.0	57.9	63.6	66.0	69.4	72.8	74.3	75.5	76.0	76.2	76.4	76.5	76.5	76.7
GE 11500	27.0	45.2	50.6	58.7	64.6	67.7	70.5	74.0	75.5	76.6	77.3	77.5	77.7	77.8	77.8	78.0
GE 12000	25.4	47.1	51.9	60.4	66.9	70.1	72.9	76.9	78.5	79.8	80.3	80.5	80.7	80.8	80.9	81.1
GE 12500	27.7	47.7	52.7	62.5	68.7	71.9	74.8	79.1	80.9	82.2	82.7	82.9	83.1	83.2	83.3	83.5
GE 13000	25.8	43.3	53.3	62.5	69.8	72.7	75.8	81.4	83.3	84.7	85.3	85.5	85.8	85.9	85.9	86.1
GE 13500	26.6	43.3	53.7	63.1	72.7	74.8	78.1	83.0	85.1	86.6	87.3	87.5	87.8	87.9	88.0	88.2
GE 14000	25.6	43.4	54.0	63.5	71.5	75.0	79.1	84.4	86.7	88.3	89.0	89.5	89.7	89.9	90.0	90.2
GE 14500	25.6	43.4	54.0	63.7	71.9	76.0	79.6	85.3	87.7	89.7	90.7	91.0	91.2	91.4	91.5	91.7
GE 15000	25.6	43.4	54.0	63.7	71.9	76.3	79.9	85.0	87.7	91.3	92.4	92.9	93.4	93.6	93.7	93.9
GE 15500	25.6	43.4	54.0	63.7	71.9	76.3	79.9	85.2	87.4	92.1	93.4	94.3	94.8	95.4	95.7	96.4
GE 16000	25.6	43.4	54.0	63.7	71.9	76.3	79.9	85.2	87.4	92.2	93.9	94.5	95.1	96.2	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 574

CLIMATE BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 25492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85

MONTH: MAR HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
NO CEIL	14.4	14.4	27.3	22.4	24.3	25.7	26.4	24.2	28.3	28.6	29.0	29.0	29.3	29.4	29.7	30.4	
GE 200	17.3	22.6	24.5	27.4	28.7	31.4	31.0	33.1	33.2	33.5	33.9	33.9	34.3	34.4	34.7	35.4	
GE 180	17.7	22.6	24.5	27.4	28.7	31.4	31.0	33.2	33.3	33.7	34.1	34.1	34.6	34.7	35.0	35.6	
GE 160	17.7	22.6	24.5	27.4	28.7	31.4	31.0	33.2	33.3	33.7	34.1	34.1	34.6	34.7	35.0	35.6	
GE 140	17.7	22.6	24.7	27.5	28.9	31.6	31.3	33.5	33.6	34.0	34.4	34.4	34.9	35.0	35.2	35.9	
GE 120	17.6	27.3	25.2	28.0	29.4	31.2	31.8	34.0	34.7	34.7	35.1	35.1	35.5	35.6	35.9	36.6	
GE 100	17.2	24.1	26.0	29.3	30.6	32.8	33.6	35.6	35.9	36.3	36.7	36.7	37.1	37.4	37.7	38.3	
GE 80	17.7	24.2	27.0	30.4	31.7	32.9	34.6	36.9	37.1	37.5	37.9	37.9	38.3	38.6	38.9	39.6	
GE 60	17.8	25.2	27.5	30.9	32.2	34.4	35.1	37.4	37.7	38.1	38.5	38.5	38.9	39.2	39.4	40.1	
GE 40	17.1	25.5	27.8	31.2	32.5	34.7	35.4	37.6	38.1	38.5	38.9	39.3	39.6	39.8	40.5	40.5	
GE 20	17.8	25.3	28.9	32.4	33.7	35.9	36.9	39.4	39.7	40.1	40.5	40.5	40.9	41.2	41.5	42.1	
GE 10	20.9	23.6	31.7	34.3	36.2	38.5	40.0	42.5	42.8	43.4	43.8	43.8	44.2	44.4	44.7	45.4	
GE 5	22.0	29.2	32.8	36.7	38.1	40.4	41.9	44.4	44.7	45.3	45.7	45.7	46.1	46.3	46.6	47.3	
GE 2	22.9	31.7	34.7	38.6	40.1	42.5	44.0	47.0	47.3	47.8	48.2	48.2	48.6	48.9	49.2	49.9	
GE 1	20.9	31.8	35.0	39.2	40.7	42.1	44.6	47.7	48.0	48.5	48.9	48.9	49.3	49.6	49.9	50.5	
GE 0	24.7	33.3	36.4	41.2	42.7	45.4	47.2	50.3	50.5	51.1	51.5	51.5	51.9	52.2	52.4	53.1	
GE 0.5	26.7	37.0	40.2	45.1	46.6	48.5	51.4	54.0	54.0	55.4	55.8	55.8	56.2	56.5	56.8	57.5	
GE 0.2	27.1	41.3	44.9	50.5	52.2	55.0	57.0	60.6	60.8	61.8	62.2	62.3	62.7	63.0	63.3	64.0	
GE 0.1	27.1	42.1	45.7	51.8	53.8	56.8	58.8	62.3	62.9	63.8	64.2	64.4	64.8	65.0	65.3	66.0	
GE 0.05	27.6	45.4	49.9	55.4	57.7	60.8	62.9	66.4	66.9	67.9	68.3	68.4	68.9	69.1	69.4	70.1	
GE 0.02	27.7	46.1	52.2	58.9	61.7	65.0	67.1	70.7	71.3	72.2	72.6	72.8	73.2	73.4	73.7	74.4	
GE 0.01	27.9	46.2	54.5	61.5	64.4	68.0	70.2	74.3	74.8	75.7	76.2	76.3	76.7	77.0	77.2	77.9	
GE 0.005	27.9	46.1	55.4	62.6	65.4	69.1	71.3	75.7	76.3	77.2	77.6	77.8	78.2	78.5	78.7	79.4	
GE 0.002	27.9	46.1	56.5	63.7	66.5	70.2	72.4	76.9	77.4	78.4	79.4	80.5	81.0	81.4	81.7	82.0	
GE 0.001	27.9	46.1	57.7	64.9	67.9	71.7	73.9	78.4	79.4	80.5	81.4	81.5	81.9	82.4	82.7	83.0	
GE 0.0005	27.9	46.1	58.9	66.0	69.0	72.9	75.1	79.6	80.6	81.6	82.4	82.9	83.5	83.9	84.1	84.4	
GE 0.0002	27.9	46.1	59.4	67.4	70.4	74.4	76.6	81.1	81.6	82.4	83.3	83.5	83.9	84.1	84.4	85.1	
GE 0.0001	27.9	46.1	60.4	68.4	71.4	75.4	77.6	82.1	82.6	83.4	84.3	84.5	84.9	85.1	85.4	86.1	
GE 0.00005	27.9	46.1	61.4	69.4	72.4	76.4	78.6	83.1	83.6	84.4	85.3	85.5	85.9	86.1	86.4	87.1	
GE 0.00002	27.9	46.1	62.4	70.4	73.4	77.4	79.6	84.1	84.6	85.4	86.3	86.5	86.9	87.1	87.4	88.1	
GE 0.00001	27.9	46.1	63.4	71.4	74.4	78.4	80.6	85.1	85.6	86.4	87.3	87.5	87.9	88.1	88.4	89.1	
GE 0.000005	27.9	46.1	64.4	72.4	75.4	79.4	81.6	86.1	86.6	87.4	88.3	88.5	88.9	89.1	89.4	90.1	
GE 0.000002	27.9	46.1	65.4	73.4	76.4	80.4	82.6	87.1	87.6	88.4	89.3	89.5	89.9	90.1	90.4	91.1	
GE 0.000001	27.9	46.1	66.4	74.4	77.4	81.4	83.6	88.1	88.6	89.4	90.3	90.5	90.9	91.1	91.4	92.1	
GE 0.0000005	27.9	46.1	67.4	75.4	78.4	82.4	84.6	89.1	89.6	90.4	91.3	91.5	91.9	92.1	92.4	93.1	
GE 0.0000002	27.9	46.1	68.4	76.4	79.4	83.4	85.6	90.1	90.6	91.4	92.3	92.5	92.9	93.1	93.4	94.1	
GE 0.0000001	27.9	46.1	69.4	77.4	80.4	84.4	86.6	91.1	91.6	92.4	93.3	93.5	93.9	94.1	94.4	95.1	
GE 0.00000005	27.9	46.1	70.4	78.4	81.4	85.4	87.6	92.1	92.6	93.4	94.3	94.5	94.9	95.1	95.4	96.1	
GE 0.00000002	27.9	46.1	71.4	79.4	82.4	86.4	88.6	93.1	93.6	94.4	95.3	95.5	95.9	96.1	96.4	97.1	
GE 0.00000001	27.9	46.1	72.4	80.4	83.4	87.4	89.6	94.1	94.6	95.4	96.3	96.5	96.9	97.1	97.4	98.1	
GE 0.000000005	27.9	46.1	73.4	81.4	84.4	88.4	90.6	95.1	95.6	96.4	97.3	97.5	97.9	98.1	98.4	99.1	
GE 0.000000002	27.9	46.1	74.4	82.4	85.4	89.4	91.6	96.1	96.6	97.4	98.3	98.5	98.9	99.1	99.4	100.0	
GE 0.000000001	27.9	46.1	75.4	83.4	86.4	90.4	92.6	97.1	97.6	98.4	99.3	99.5	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026490 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 76-86
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEILING	11.5	12.7	13.8	15.1	15.5	16.1	16.6	17.2	18.0	18.0	18.1	19.2	18.5	18.6	19.2	
GE 100	19.4	19.7	20.9	22.4	23.0	23.9	24.7	25.3	26.1	26.1	26.2	26.4	26.6	26.8	27.3	
GE 200	16.4	19.7	21.1	22.6	23.1	24.1	24.9	25.4	26.2	26.2	26.4	26.5	26.8	26.9	27.4	
GE 300	15.4	19.7	21.1	22.6	23.1	24.1	24.9	25.4	26.2	26.2	26.4	26.5	26.8	26.9	27.4	
GE 400	15.4	20.7	22.0	23.5	24.1	25.0	25.6	26.4	27.2	27.2	27.3	27.4	27.7	27.8	28.4	
GE 500	17.0	21.4	22.0	24.3	25.0	25.9	26.8	27.3	28.1	28.1	28.2	28.4	28.6	28.8	29.3	
GE 600	22.4	23.9	25.5	27.2	27.8	28.8	29.6	30.1	30.9	30.9	31.1	31.2	31.5	31.6	32.2	
GE 700	23.4	25.3	27.2	28.9	29.6	30.5	31.4	31.9	32.7	32.7	32.8	33.0	33.2	33.4	33.9	
GE 800	23.6	25.5	27.6	29.3	30.0	30.9	31.8	32.3	33.1	33.1	33.2	33.4	33.5	33.8	34.3	
GE 900	23.8	25.7	27.7	29.4	30.1	31.1	31.9	32.4	33.2	33.2	33.4	33.5	33.8	33.9	34.5	
GE 1000	24.7	26.6	29.1	31.2	31.5	32.8	33.8	34.5	35.3	35.3	35.4	35.5	35.8	35.9	36.5	
GE 1200	26.9	29.3	32.2	34.5	35.4	36.4	37.3	38.1	38.9	38.9	39.1	39.3	39.6	39.7	40.3	
GE 1400	28.9	31.4	34.3	36.6	37.6	38.5	39.5	40.3	41.1	41.1	41.2	41.5	41.8	41.9	42.4	
GE 1600	32.3	34.7	38.4	40.7	41.9	43.0	44.1	44.9	45.7	45.7	45.8	46.1	46.4	46.5	47.0	
GE 1800	32.4	35.0	38.6	40.9	42.2	43.4	44.5	45.3	46.1	46.1	46.2	46.5	46.8	46.9	47.4	
GE 2000	34.1	37.3	41.1	43.5	44.7	45.9	47.0	47.8	48.6	48.6	48.8	49.1	49.3	49.5	50.0	
GE 2200	36.2	39.9	44.1	46.8	48.4	49.6	50.7	51.5	52.3	52.3	52.4	52.7	53.0	53.1	53.6	
GE 2400	42.4	46.4	51.2	54.1	55.7	56.9	58.0	58.8	59.6	59.6	59.7	60.3	60.3	60.4	60.9	
GE 2600	45.1	49.1	53.9	56.4	58.5	59.7	60.9	61.8	62.6	62.6	62.7	63.0	63.2	63.4	63.9	
GE 2800	49.1	53.3	58.1	61.1	63.0	64.2	65.4	66.2	67.0	67.0	67.2	67.4	67.7	67.8	68.4	
GE 3000	53.9	58.4	63.9	67.2	69.3	70.8	72.3	73.1	73.5	73.9	74.1	74.3	74.6	74.7	75.3	
GE 3200	56.8	61.6	66.0	71.4	73.8	75.4	77.3	78.1	78.9	78.9	79.1	79.3	79.6	79.7	80.3	
GE 3400	61.1	65.9	70.5	75.5	78.1	79.7	81.6	82.5	83.4	83.4	83.6	83.9	84.1	84.3	84.7	
GE 3600	64.2	69.5	74.1	79.7	82.0	83.6	85.2	86.4	87.4	87.4	87.6	87.9	88.1	88.3	88.7	
GE 3800	67.2	72.6	77.3	82.0	84.4	85.7	87.2	88.2	89.6	89.6	90.5	90.9	91.1	91.4	91.8	
GE 4000	69.9	75.3	80.5	85.4	87.4	88.7	90.1	91.5	92.4	92.4	93.0	93.2	93.5	93.6	94.2	
GE 4200	72.6	78.1	82.8	87.5	89.5	90.8	92.6	93.1	94.3	94.3	94.7	95.0	95.3	95.5	96.2	
GE 4400	75.3	80.9	85.6	90.3	92.4	93.8	95.7	96.1	97.4	97.4	98.0	98.2	98.5	98.6	99.2	
GE 4600	78.1	83.9	88.7	93.4	95.1	96.2	97.5	98.1	99.1	99.1	99.5	99.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 740

LOCAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/RAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIDE MORTON RAF UK

PERIOD OF RECORD: 78-85,87

MONTH: MAR FOURS(LST): 1200-1400

CEILING IN FEET	1 100	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	10.9	12.9	13.5	13.5	13.7	14.0	14.1	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 100	1	21.2	21.2	22.0	22.3	22.7	22.9	23.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 80	1	21.4	21.4	22.3	22.5	22.9	23.2	23.4	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 60	1	21.4	21.4	22.3	22.5	22.9	23.2	23.4	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 40	1	22.4	22.4	23.4	23.6	24.0	24.3	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 32	1	23.6	23.6	25.0	25.3	25.7	26.0	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 24	1	25.0	25.0	26.4	26.6	27.1	27.3	27.5	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 20	1	25.5	25.7	26.9	27.2	27.6	27.9	28.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 16	1	26.2	26.4	27.6	28.0	28.4	28.7	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 12	1	26.4	26.5	27.7	28.2	28.6	28.8	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 10	1	27.3	27.6	29.0	29.4	29.8	30.1	30.4	30.5	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 8	1	27.7	27.7	29.1	29.1	29.2	29.9	29.9	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 5	1	28.7	28.7	29.7	29.7	29.7	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 4	1	28.7	28.7	29.7	29.7	29.7	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 0	1	28.7	28.7	29.7	29.7	29.7	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 100	1	49.0	50.1	52.5	53.6	54.6	55.4	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 80	1	58.5	60.0	63.7	65.1	66.5	67.2	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 60	1	61.1	63.2	66.0	68.3	69.6	70.3	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 40	1	65.0	67.0	70.7	72.5	74.0	74.9	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 32	1	69.6	72.4	76.0	79.0	80.6	81.6	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 24	1	71.4	76.9	82.0	84.6	86.4	87.6	88.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 20	1	74.3	77.5	83.4	86.3	88.0	89.3	90.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 16	1	76.1	79.8	85.9	89.0	90.6	92.6	93.3	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 12	1	76.5	80.5	86.6	90.2	92.0	93.8	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 10	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 8	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 100	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 80	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 60	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 40	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 32	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 24	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 20	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 16	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 12	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 10	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 8	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	1	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070490 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAR HOURS (LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GE 100	GE 200	GE 300	GE 400	GE 500	GE 600	GE 700	GE 800	GE 900	GE 1000	GE 1200	GE 1400	GE 1600	GE 1800	GE 2000	GE 2500	GE 3000
NO CEIL	17.5	16.2	16.1	16.4	17.2	17.3	17.3	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 100	27.1	25.7	25.9	26.2	27.0	27.1	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 200	27.1	25.7	25.9	26.2	27.0	27.1	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 300	27.4	26.0	26.2	26.4	27.0	27.4	27.5	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 400	27.6	27.2	27.4	27.6	28.5	28.6	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 500	28.0	28.4	30.5	30.9	31.7	31.6	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 600	35.0	33.7	34.0	34.4	35.2	35.4	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 700	37.5	34.8	35.2	35.6	36.4	36.6	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 800	37.5	35.1	35.6	36.0	36.9	37.0	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 900	37.5	35.6	36.2	36.6	37.4	37.5	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 1000	37.5	36.7	37.3	37.7	38.5	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 1200	41.7	41.1	41.7	42.4	43.2	43.6	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 1400	44.6	45.6	46.6	47.6	48.4	48.8	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 1600	44.6	41.2	52.2	53.1	53.9	54.9	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 1800	41.7	52.3	53.3	54.2	55.4	56.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 2000	44.6	56.0	56.9	57.9	59.1	60.0	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 2500	44.1	60.0	61.4	62.5	64.0	64.9	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 3000	73.4	65.3	67.1	69.1	71.7	71.1	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	75.7	66.9	68.8	71.0	72.9	74.1	74.9	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	75.7	70.6	72.6	75.2	78.0	79.5	80.4	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	74.3	74.9	77.9	81.3	84.4	86.0	87.1	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	75.9	79.7	83.3	86.7	88.3	89.6	90.5	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 5500	74.5	76.4	79.8	84.3	87.7	89.3	90.5	91.5	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000	74.5	77.2	80.6	85.4	89.8	90.6	92.3	93.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 6500	74.5	77.9	81.6	86.2	89.7	92.0	93.5	94.7	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 7000	74.6	78.0	82.5	87.3	90.9	93.2	94.7	96.1	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 7500	74.6	78.0	82.8	87.6	91.7	94.3	95.7	97.4	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 8000	74.6	78.2	82.9	88.1	92.1	94.6	96.2	97.8	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 8500	74.6	78.2	82.9	88.1	92.1	94.6	96.2	97.8	98.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 9000	74.6	78.2	82.9	88.1	92.3	94.7	96.3	98.1	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9500	74.6	78.2	82.9	88.1	92.3	94.7	96.3	98.1	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 060490 STATION NAME: PRIZE HORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAR HOURS(IST): 1800-2000

CEILING IN FEET	1 100	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO. CEIL	18.7	23.1	23.8	24.9	24.9	24.9	25.6	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	
GE 1000	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 900	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 800	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 700	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 600	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 500	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 400	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 300	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 200	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 100	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 90	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 80	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 70	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 60	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 50	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 40	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 30	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 20	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 16	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 12	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 10	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 8	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 5	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 4	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 0	24.6	71.0	32.1	33.6	33.6	33.6	34.2	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH
 CEAF/ITAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 076492 STATION NAME: BRITF HURON RAF UK

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(IST): 2100-2300

CEILING IN FEET	1 10'	2 20'	VISIBILITY IN HUNDREDS OF METERS															
			GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 250	GE 300	
NO CEIL	11.7	21.9	37.6	32.2	33.5	34.1	34.5	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	
GE 1000	24.4	73.5	35.9	38.1	39.8	41.4	42.8	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.3	42.3	
GE 900	24.4	73.5	35.9	38.1	39.8	41.4	42.8	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.3	42.3	
GE 800	24.4	73.5	35.9	38.1	39.8	41.4	42.8	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.3	42.3	
GE 700	24.4	74.1	36.5	38.6	40.4	42.9	41.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.8	42.8	
GE 600	27.2	76.5	37.2	41.7	43.5	44.9	44.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.9	45.9	
GE 500	27.7	74.0	41.8	43.3	45.2	45.9	46.3	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.8	47.8	
GE 400	27.7	72.0	41.6	44.5	46.4	47.1	47.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.1	49.1	
GE 300	27.7	72.0	41.9	44.5	46.4	47.1	47.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.1	49.1	
GE 200	27.7	65.0	42.9	45.8	47.6	48.3	48.9	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.3	50.3	
GE 100	27.7	47.0	45.0	47.8	49.7	50.3	50.9	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.9	53.0	53.0	
GE 000	27.7	49.0	48.0	51.0	52.9	53.6	54.4	55.6	55.9	56.5	56.5	56.5	56.5	56.5	56.7	56.8	56.8	
GE 000	27.7	45.0	49.0	52.2	54.1	54.8	55.6	56.8	57.1	57.7	57.7	57.7	57.7	57.7	57.9	58.0	58.0	
GE 000	24.1	48.3	51.5	54.5	56.4	57.1	57.9	59.1	59.4	60.0	60.0	60.0	60.0	60.0	60.2	60.3	60.3	
GE 000	24.1	47.3	52.6	55.6	57.5	58.5	59.4	60.6	60.9	61.5	61.5	61.5	61.5	61.5	61.6	61.8	61.8	
GE 000	24.1	51.3	54.9	58.0	60.6	61.4	62.2	63.7	64.1	64.7	64.7	64.7	64.7	64.7	64.9	65.0	65.0	
GE 000	27.6	53.0	56.7	60.0	62.9	63.7	64.6	65.9	66.4	67.0	67.0	67.0	67.0	67.0	67.2	67.3	67.3	
GE 000	27.6	56.9	61.1	65.5	68.9	69.7	70.5	72.0	72.4	73.1	73.1	73.1	73.1	73.1	73.2	73.4	73.4	
GE 000	27.6	58.1	62.4	67.7	71.3	72.1	72.9	74.4	74.8	75.5	75.5	75.5	75.5	75.5	75.6	75.8	75.8	
GE 000	47.0	60.7	65.4	70.7	74.4	75.2	76.0	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.7	78.9	78.9	
GE 000	47.0	65.0	70.1	75.4	80.3	81.3	82.2	83.7	84.1	84.6	84.6	84.6	84.6	84.6	84.9	85.1	85.1	
GE 000	47.1	66.6	72.4	78.3	82.9	83.6	85.1	86.6	87.2	87.9	87.9	87.9	87.9	87.9	88.0	88.2	88.2	
GE 000	47.1	67.0	72.8	79.1	83.7	84.7	86.1	87.9	88.3	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.2	
GE 000	47.1	67.0	73.4	79.7	84.5	85.5	86.9	89.1	89.5	90.2	90.2	90.2	90.2	90.2	90.3	90.4	90.4	
GE 000	47.1	69.1	74.2	81.0	86.5	87.1	88.6	91.1	91.7	92.3	92.3	92.3	92.3	92.3	92.5	92.6	92.6	
GE 000	47.1	69.2	75.0	82.2	87.5	88.6	90.3	93.4	93.9	94.6	94.6	94.6	94.6	94.6	94.8	94.9	94.9	
GE 000	47.7	69.3	75.6	83.3	89.7	90.0	91.9	95.2	95.8	96.5	96.5	96.5	96.5	96.5	96.6	96.8	96.8	
GE 000	47.7	69.7	76.5	83.8	89.2	90.5	92.1	96.5	97.4	98.1	98.1	98.1	98.1	98.1	98.3	98.4	98.4	
GE 000	47.7	69.7	76.5	83.8	89.4	91.0	93.4	96.8	97.7	98.8	98.8	98.8	98.8	98.8	98.9	99.1	99.1	
GE 000	47.7	69.7	76.5	83.8	89.5	91.1	93.7	97.4	98.7	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	
GE 000	47.7	69.7	76.5	83.8	89.5	91.1	93.8	97.6	98.8	99.6	99.6	99.6	99.6	99.6	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276490 STATION NAME: PRIZE HORTON WAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): ALL

CEILING FEET	1 100	GE 100	GE 200	GE 300	GE 400	GE 500	GE 600	GE 700	GE 800	GE 900	GE 1000	GE 1200	GE 1400	GE 1600	GE 1800	GE 2000	GE 2500	GE 3000
NO CEILING	100.0	19.7	19.8	21.0	21.9	22.6	23.1	23.6	23.9	24.2	24.3	24.3	24.4	24.6	24.6	24.9		
GE 100	100.0	100.0	26.4	27.9	28.9	29.7	30.3	31.1	31.4	31.7	31.8	31.8	31.8	31.9	32.1	32.2	32.5	
GE 200	100.0	100.0	100.0	26.4	28.0	29.1	29.8	30.4	31.2	31.5	31.8	31.9	32.0	32.1	32.3	32.4	32.7	
GE 300	100.0	100.0	100.0	100.0	28.0	29.1	29.9	30.4	31.3	31.6	31.9	31.9	32.0	32.1	32.3	32.4	32.7	
GE 400	100.0	100.0	100.0	100.0	100.0	29.7	30.5	31.1	31.9	32.2	32.6	32.6	32.7	32.8	33.0	33.1	33.4	
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	31.7	32.6	33.2	34.0	34.3	34.6	34.7	34.8	34.9	35.1	35.2	35.5
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	35.6	36.4	36.7	37.0	37.1	37.2	37.3	37.5	37.6	37.9	
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	37.7	38.0	38.0	38.4	38.5	38.6	38.9	38.9	39.3	
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	38.1	38.4	38.7	38.8	38.9	39.0	39.2	39.3	39.6
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	38.5	38.8	39.2	39.3	39.4	39.6	39.7	40.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	40.9	41.0	41.0	41.1	41.4	41.5	41.8
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	44.4	44.4	45.0	45.1	45.2	45.9
GE 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	47.1	47.7	47.8	47.9	48.6
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	51.4	51.5	51.6	52.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	53.0	53.1	53.3
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 25000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5500

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECOPI: 78-85,87
MONTH: APR HOURS(LST): 0300-0500

CEILING			VISIBILITY IN HUNDREDS OF METERS															
			GE 10	GE 12	GE 14	GE 16	GE 18	GE 20	GE 22	GE 24	GE 26	GE 28	GE 30	GE 32	GE 34	GE 36	GE 38	
FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	
60	60	10.7	22.0	23.6	26.4	29.3	32.7	35.6	38.7	42.0	44.7	47.7	50.9	54.3	57.9	61.6	65.6	
65	65	11.4	23.6	25.3	28.2	31.2	34.3	37.4	40.6	43.9	47.3	50.7	54.2	57.8	61.5	65.3	69.3	
70	70	12.1	24.4	26.2	29.2	32.3	35.5	38.7	42.0	45.4	48.8	52.3	55.8	59.5	63.2	67.1	71.1	
75	75	12.8	25.2	27.0	30.0	33.2	36.4	39.7	43.0	46.4	50.0	53.5	57.1	60.8	64.6	68.5	72.5	
80	80	13.5	26.0	27.8	30.8	34.0	37.3	40.6	44.0	47.5	51.0	54.5	58.1	61.8	65.6	69.5	73.5	
85	85	14.2	26.8	28.6	31.6	34.8	38.1	41.4	44.8	48.3	51.8	55.3	58.9	62.6	66.4	70.3	74.3	
90	90	14.9	27.5	29.3	32.3	35.5	38.8	42.1	45.5	49.0	52.5	56.0	59.6	63.3	67.1	71.0	75.0	
95	95	15.6	28.3	30.1	33.1	36.3	39.6	42.9	46.3	49.8	53.3	56.8	60.4	64.1	67.9	71.8	75.8	
100	100	16.3	29.0	30.8	33.8	37.0	40.3	43.6	47.0	50.5	54.0	57.5	61.1	64.8	68.6	72.5	76.5	
105	105	17.0	29.8	31.6	34.6	37.8	41.1	44.4	47.8	51.3	54.8	58.3	61.9	65.6	69.4	73.3	77.3	
110	110	17.7	30.5	32.3	35.3	38.5	41.8	45.1	48.5	52.0	55.5	59.0	62.6	66.3	70.1	74.0	78.0	
115	115	18.4	31.3	33.1	36.1	39.3	42.6	45.9	49.3	52.8	56.3	59.8	63.4	67.1	70.9	74.8	78.8	
120	120	19.1	32.0	33.8	36.8	40.0	43.3	46.6	50.0	53.5	57.0	60.5	64.1	67.8	71.6	75.5	79.5	
125	125	19.8	32.8	34.6	37.6	40.8	44.1	47.4	50.8	54.3	57.8	61.3	64.9	68.6	72.4	76.3	80.3	
130	130	20.5	33.5	35.3	38.3	41.5	44.8	48.1	51.5	55.0	58.5	62.0	65.6	69.3	73.1	77.0	81.0	
135	135	21.2	34.3	36.1	39.1	42.3	45.6	48.9	52.3	55.8	59.3	62.8	66.4	70.1	73.9	77.8	81.8	
140	140	21.9	35.0	36.8	39.8	43.0	46.3	49.6	53.0	56.5	60.0	63.5	67.1	70.8	74.6	78.5	82.5	
145	145	22.6	35.8	37.6	40.5	43.8	47.1	50.4	53.8	57.3	60.8	64.3	67.9	71.6	75.4	79.3	83.3	
150	150	23.3	36.5	38.3	41.3	44.5	47.8	51.1	54.5	58.0	61.5	65.0	68.6	72.3	76.1	80.0	84.0	
155	155	24.0	37.3	39.1	42.1	45.3	48.6	51.9	55.3	58.8	62.3	65.8	69.4	73.1	76.9	80.8	84.8	
160	160	24.7	38.0	39.8	42.9	46.1	49.4	52.7	56.1	59.6	63.1	66.6	70.2	73.9	77.7	81.6	85.6	
165	165	25.4	38.8	40.6	43.7	46.9	50.2	53.5	56.9	60.4	63.9	67.4	71.0	74.7	78.5	82.4	86.4	
170	170	26.1	39.5	41.3	44.5	47.7	51.0	54.3	57.7	61.2	64.7	68.2	71.7	75.4	79.2	83.1	87.1	
175	175	26.8	40.															

TOTAL NUMBER OF OBSERVATIONS: 717

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076497 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR FOUR (LAST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GE 100	GE 60	GE 45	GE 30	GE 24	GE 20	GE 16	GE 17	GE 10	GE 9	GE 5	GE 4	GE 0				
NO CEIL	16.7	16.8	16.9	17.5	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
CE 100	27.2	26.9	29.2	29.7	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
CE 120	27.5	29.3	29.6	30.1	30.7	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
CE 140	27.5	29.3	29.6	30.1	30.7	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
CE 160	24.6	30.3	30.6	31.1	31.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
CE 180	26.2	30.5	33.1	33.9	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
CE 200	27.4	24.6	35.2	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
CE 220	28.7	25.6	36.3	37.2	37.7	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
CE 240	27.6	30.9	36.6	37.5	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
CE 260	27.7	26.1	36.6	37.6	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
CE 280	27.7	29.4	40.1	41.0	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
CE 300	37.4	47.7	48.7	49.7	50.6	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
CE 320	47.7	52.7	54.9	55.9	56.6	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
CE 340	44.4	58.0	59.3	60.3	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
CE 360	46.8	60.7	62.0	63.0	64.2	64.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
CE 380	47.7	63.6	65.1	66.2	67.5	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
CE 400	66.2	72.2	74.5	75.9	77.2	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
CE 420	67.4	75.2	81.3	83.0	84.8	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
CE 440	67.4	77.7	84.9	86.6	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
CE 460	67.4	84.5	86.4	88.7	90.8	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
CE 480	67.4	86.6	89.0	91.3	93.5	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
CE 500	67.4	87.7	90.1	92.3	94.9	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
CE 520	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 540	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 560	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 580	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 600	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 620	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 640	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 660	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 680	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 700	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 720	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 740	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 760	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 780	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 800	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 820	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 840	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 860	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 880	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 900	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 920	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 940	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 960	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 980	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
CE 1000	67.4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS: 710

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-65,87

HOURS (LST): 1800-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 721

USAF CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 070490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF PETERS	VISIBILITY IN HUNDREDS OF PETERS															
		GE 00	GE 05	GE 10	GE 15	GE 20	GE 25	GE 30	GE 35	GE 40	GE 45	GE 50	GE 55	GE 60	GE 65	GE 70	GE 75
NO CEIL	17.7	24.1	25.1	26.0	27.6	28.0	28.3	28.6	28.7	28.8	28.9	28.9	28.9	28.9	29.0	29.1	29.2
01	17.7	24.1	35.5	37.5	39.7	39.6	39.9	40.3	40.5	40.7	40.7	40.7	40.8	40.9	40.9	41.0	41.2
02	17.7	24.1	35.6	37.6	39.2	39.7	40.1	40.4	40.6	40.6	40.9	40.9	40.9	40.9	41.0	41.1	41.3
03	17.7	24.1	35.7	37.7	39.2	39.8	40.1	40.5	40.6	40.9	40.9	40.9	40.9	41.0	41.1	41.2	41.3
04	17.7	24.1	35.4	36.4	40.5	40.6	40.9	41.3	41.5	41.7	41.8	41.6	41.8	41.9	42.0	42.2	42.2
05	17.7	24.1	36.6	38.4	40.5	42.3	42.6	43.1	43.5	43.7	44.0	44.0	44.0	44.2	44.2	44.4	44.4
06	17.7	24.1	38.9	40.8	43.2	45.1	45.7	46.1	46.5	46.7	47.0	47.0	47.0	47.2	47.2	47.4	47.4
07	17.7	24.1	39.5	41.5	44.1	46.0	46.6	47.1	47.5	47.7	48.0	48.0	48.0	48.2	48.2	48.4	48.4
08	17.7	24.1	39.8	41.9	44.4	46.4	47.0	47.4	47.9	48.1	48.3	48.4	48.4	48.4	48.5	48.6	48.8
09	17.7	24.1	40.1	42.2	44.8	46.8	47.5	47.9	48.4	48.6	48.8	48.9	48.9	48.9	49.0	49.1	49.3
10	17.7	24.1	42.3	44.6	47.3	49.5	50.3	50.9	51.5	51.8	52.1	52.1	52.2	52.2	52.3	52.4	52.6
11	17.7	24.1	47.0	49.6	52.8	55.4	56.2	57.1	57.9	58.3	58.6	58.6	58.7	58.7	58.8	58.9	59.1
12	17.7	24.1	50.0	52.6	56.3	59.1	60.2	61.0	62.0	62.3	62.7	62.7	62.8	62.9	62.9	63.0	63.2
13	17.7	24.1	53.1	56.0	59.8	62.2	64.0	64.9	65.9	66.3	66.6	66.7	66.7	66.7	66.9	67.0	67.1
14	17.7	24.1	54.6	57.6	61.4	64.5	65.7	66.6	67.6	68.0	68.4	68.4	68.5	68.6	68.7	68.9	68.9
15	17.7	24.1	57.3	60.5	64.4	67.7	68.8	69.6	70.9	71.3	71.7	71.7	71.7	71.8	71.9	72.0	72.2
16	17.7	24.1	60.7	64.1	68.3	71.6	72.8	73.8	74.6	75.3	75.6	75.7	75.7	75.8	75.9	76.0	76.2
17	17.7	24.1	64.0	68.5	73.0	76.6	77.8	78.9	80.0	80.4	80.8	80.9	81.0	81.1	81.2	81.4	81.4
18	17.7	24.1	66.6	71.4	75.0	78.7	80.0	81.1	82.2	82.7	83.0	83.1	83.2	83.2	83.3	83.4	83.6
19	17.7	24.1	68.2	72.1	77.0	80.8	82.1	83.2	84.4	84.8	85.2	85.3	85.4	85.4	85.5	85.6	85.8
20	17.7	24.1	70.7	74.9	80.1	84.0	85.5	86.6	87.8	88.2	88.6	88.7	88.8	88.9	89.0	89.2	89.2
21	17.7	24.1	71.9	76.3	81.7	85.8	87.2	88.3	89.6	90.0	90.5	90.6	90.6	90.6	90.8	90.9	91.1
22	17.7	24.1	72.5	77.1	82.6	86.7	88.2	89.3	90.5	91.0	91.4	91.5	91.6	91.6	91.7	91.8	92.0
23	17.7	24.1	73.1	77.9	83.5	88.0	89.1	90.7	92.0	92.5	93.0	93.1	93.1	93.2	93.3	93.4	93.6
24	17.7	24.1	73.4	78.2	84.1	88.7	89.3	91.6	93.0	93.4	93.9	94.0	94.1	94.1	94.2	94.3	94.5
25	17.7	24.1	73.6	78.6	84.6	89.5	91.2	92.7	94.2	94.7	95.0	95.4	95.4	95.4	95.6	95.7	95.8
26	17.7	24.1	73.8	78.9	85.0	90.1	92.0	93.5	95.2	95.7	96.2	96.3	96.4	96.4	96.5	96.6	96.8
27	17.7	24.1	73.9	79.0	85.2	90.6	92.5	94.3	96.1	96.7	97.3	97.5	97.5	97.6	97.7	97.8	98.0
28	17.7	24.1	73.9	79.0	85.3	90.6	92.7	94.6	96.8	97.4	98.1	98.3	98.3	98.4	98.5	98.6	98.8
29	17.7	24.1	73.9	79.0	85.3	90.6	92.7	94.7	97.1	97.8	98.5	98.7	98.8	98.8	99.0	99.1	99.2
30	17.7	24.1	73.9	79.0	85.3	90.6	92.7	94.7	97.1	97.8	98.5	98.7	98.8	98.8	99.0	99.2	99.5
31	17.7	24.1	73.9	79.0	85.3	90.6	92.7	94.7	97.1	97.9	98.7	99.0	99.0	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 5751

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(DST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
14 FEET	16 FOOT	18 FOOT	20 FOOT	25 FOOT	30 FOOT	35 FOOT	40 FOOT	45 FOOT	50 FOOT	55 FOOT	60 FOOT	65 FOOT	70 FOOT	75 FOOT	80 FOOT	85 FOOT	90 FOOT
NO CELL	17.1	29.1	30.4	34.4	36.7	38.2	39.3	40.1	40.6	40.8	40.9	40.8	40.9	40.9	40.9	40.9	41.0
GE 27000	19.7	34.1	36.3	40.8	42.5	45.3	46.6	47.6	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.6
GE 16000	19.7	34.1	36.3	40.9	43.6	45.5	46.7	47.6	48.3	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.7
GE 10000	19.7	34.1	36.3	40.9	43.6	45.5	46.7	47.8	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.7
GE 14000	19.7	34.4	36.6	41.2	43.9	45.7	47.0	48.0	48.6	48.7	48.7	48.7	48.9	48.9	48.9	49.0	49.0
GE 12000	19.7	35.0	37.1	41.6	44.5	46.4	47.6	48.7	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.7
GE 11000	19.7	36.4	38.7	43.5	46.3	48.2	49.4	50.5	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.4
GE 9000	20.4	37.0	39.3	44.0	47.0	49.0	50.2	51.3	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.2
GE 8000	20.4	37.1	39.4	44.1	47.1	49.1	50.3	51.4	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.4
GE 7000	21.1	38.2	40.8	45.6	48.6	50.6	51.8	52.9	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.8	53.8
GE 6000	20.4	40.8	43.3	48.0	51.1	53.1	54.5	55.7	56.8	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.8
GE 5000	24.7	44.5	47.4	53.7	57.6	60.3	61.7	63.2	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.1
GE 4000	24.9	46.7	49.7	56.1	60.1	62.6	64.2	65.7	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.7
GE 3000	24.7	47.6	50.9	57.6	61.7	64.4	65.9	67.3	67.9	68.0	68.0	68.0	68.2	68.2	68.2	68.3	68.3
GE 2000	27.0	49.0	52.4	59.5	63.4	66.1	67.6	69.2	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2	70.2
GE 1000	27.6	50.1	53.6	61.3	65.3	68.2	69.6	71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3
GE 2500	28.3	51.1	54.8	62.9	67.1	70.0	71.8	73.7	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.6
GE 2000	28.4	51.3	57.6	66.6	71.1	74.1	76.0	77.9	78.4	78.5	78.5	78.5	78.7	78.7	78.7	78.8	78.8
GE 1800	28.9	52.8	58.4	67.7	72.2	75.3	77.2	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0
GE 1600	29.0	54.5	59.2	69.0	73.7	76.8	78.8	81.0	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.9	81.9
GE 1400	31.7	56.8															

TOTAL NUMBER OF OBSERVATIONS: 742

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-85
MONTH: MAY HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN M	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1	64.0	16.6	17.9	20.6	23.4	24.6	25.7	28.0	29.1	29.9	30.0	30.0	30.1	30.3	30.6	31.2
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1600	64.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.2	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE	1000	64.4	22.3	24.1	28.9	32.0	33.8	35.0									

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: GRIZZLY NORTON AFB LK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS (LST): 0600-0800

CEILING IN FEET	GT 100	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	9.7	17.4	18.4	20.5	21.7	22.7	23.5	24.4	24.7	25.2	25.3	25.7	25.7	25.9	26.0	26.1	
GE 1000	15.4	24.5	25.5	29.2	30.8	32.7	33.6	34.7	35.3	35.6	36.1	36.5	36.5	36.6	36.7	36.9	
GE 800	17.4	24.5	25.5	29.2	30.8	32.7	33.6	34.7	35.3	35.6	36.1	36.5	36.5	36.6	36.7	36.9	
GE 600	17.4	24.5	25.5	29.2	30.8	32.7	33.6	34.7	35.3	35.6	36.1	36.5	36.5	36.6	36.7	36.9	
GE 400	17.7	24.8	25.9	29.6	31.2	33.1	34.0	35.1	35.7	36.2	36.5	36.9	36.9	37.0	37.1	37.3	
GE 200	15.9	25.6	26.7	30.7	32.6	34.5	35.4	36.5	37.0	37.5	37.8	38.2	38.2	38.3	38.5	38.6	
GE 100	15.1	26.3	29.5	33.9	36.1	38.2	39.4	40.5	41.0	41.0	41.4	42.2	42.2	42.4	42.5	42.6	
GE 80	17.7	29.1	30.4	35.1	37.4	39.5	40.8	41.8	42.4	42.9	43.2	43.6	43.6	43.7	43.8	44.0	
GE 60	17.7	29.6	31.0	35.7	37.9	40.1	41.3	42.4	42.9	43.4	43.7	44.1	44.1	44.2	44.4	44.5	
GE 40	17.7	30.1	31.4	36.1	38.3	40.5	41.7	42.8	43.3	43.8	44.1	44.5	44.5	44.6	44.8	44.9	
GE 20	17.7	31.2	32.7	37.4	39.7	42.2	43.4	44.6	45.7	45.8	46.1	46.5	46.5	46.6	46.8	46.9	
GE 10	17.7	33.2	35.1	40.3	44.0	47.2	48.4	50.1	51.1	51.6	52.0	52.4	52.5	52.8	52.9	53.1	
GE 8	17.7	34.0	36.7	42.2	45.8	49.3	50.5	52.3	53.2	53.8	54.2	54.6	54.7	55.0	55.1	55.2	
GE 6	17.7	35.4	37.5	43.3	46.9	50.7	52.0	53.9	55.1	55.6	56.0	56.4	56.6	56.8	57.0	57.1	
GE 4	17.7	36.1	38.2	44.5	48.2	52.0	53.4	55.2	56.4	57.0	57.4	57.8	57.9	58.2	58.3	58.4	
GE 2	17.7	38.3	40.9	47.3	51.1	54.8	56.2	58.0	59.4	59.9	60.3	60.7	60.9	61.1	61.3	61.4	
GE 1	21.7	39.8	42.5	48.9	52.7	56.7	58.0	59.9	61.3	61.8	62.2	62.6	62.7	63.0	63.1	63.3	
GE 0.8	21.7	42.4	46.4	52.0	56.4	60.6	62.1	64.3	65.7	66.2	66.6	67.0	67.2	67.4	67.6	67.7	
GE 0.6	21.7	43.4	46.6	53.4	57.5	62.2	63.7	66.1	67.4	68.0	68.4	68.8	69.0	69.2	69.3	69.4	
GE 0.4	21.7	44.6	48.2	55.2	59.8	64.1	65.5	68.1	69.4	70.0	70.4	70.8	70.9	71.2	71.3	71.4	
GE 0.2	21.7	47.9	52.0	59.5	64.2	68.5	70.0	72.5	73.9	74.4	74.8	75.2	75.3	75.6	75.7	75.9	
GE 0.1	21.7	49.3	53.3	61.5	66.9	71.3	72.8	75.6	76.9	77.5	77.9	78.3	78.4	78.7	78.8	79.0	
GE 0.08	21.7	50.1	54.4	62.7	68.4	72.1	74.5	77.3	78.7	79.2	79.6	80.0	80.2	80.4	80.6	80.7	
GE 0.06	21.7	51.7	55.6	63.8	70.5	75.5	77.1	80.4	81.4	81.9	82.3	82.7	82.8	83.1	83.2	83.4	
GE 0.04	21.7	51.2	56.6	65.2	72.7	76.9	78.7	81.6	83.1	83.6	84.0	84.5	84.6	85.1	85.3	85.4	
GE 0.02	21.7	51.7	57.5	66.1	73.2	78.6	80.5	83.9	85.5	86.3	86.7	87.1	87.3	87.8	87.9	88.1	
GE 0.01	21.7	51.7	57.5	65.2	73.7	77.4	81.8	85.5	87.3	88.1	88.5	88.9	89.0	89.5	89.7	89.8	
GE 0.008	21.7	51.9	57.6	66.6	74.7	81.6	84.2	88.2	91.5	91.5	91.5	91.7	92.1	92.2	92.8	92.9	
GE 0.006	21.7	51.9	57.8	66.6	74.9	81.2	84.6	88.6	91.8	91.8	92.0	92.3	93.7	93.8	94.4	94.5	
GE 0.004	21.7	51.9	57.8	66.8	74.9	81.2	84.6	88.6	91.8	93.2	94.6	95.2	95.7	95.8	96.5	96.6	
GE 0.002	21.7	51.9	57.8	66.8	74.9	81.2	84.6	88.6	91.8	93.4	95.0	95.7	96.6	97.1	98.0	98.4	
GE 0.001	21.7	51.9	57.8	66.8	74.9	81.2	84.6	88.6	91.8	93.4	95.2	95.9	96.8	97.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 746

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0900-1100

SAILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 110	GE 120	GE 130	GE 140	GE 150	GE 160
00	00.0	19.3	20.5	21.3	22.0	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
01	01.0	19.7	20.1	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
02	02.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
03	03.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
04	04.0	19.8	20.1	20.6	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
05	05.0	19.8	20.1	20.6	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
06	06.0	19.8	20.1	20.6	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
07	07.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
08	08.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
09	09.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
10	10.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
11	11.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
12	12.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
13	13.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
14	14.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
15	15.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
16	16.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
17	17.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
18	18.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
19	19.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
20	20.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
21	21.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
22	22.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
23	23.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
24	24.0	19.7	20.0	20.5	21.0	21.1	21.1	21.2	21.2	21.2						

TOTAL NUMBER OF OBSERVATIONS: 741

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 270490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 300	GE 90	GE 95	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CELL	19.4	18.3	19.9	19.4	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	
GE 1000	27.7	29.6	32.5	31.3	31.5	31.6	31.8	31.8	31.9	31.8	31.8	31.8	31.8	31.8	31.8	31.8	
GE 900	27.7	32.1	32.9	31.0	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	
GE 800	27.7	32.1	32.9	31.6	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	
GE 700	27.7	32.6	31.5	32.3	32.4	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	
GE 600	27.7	31.9	32.6	33.4	33.5	32.6	33.8	33.6	33.9	33.6	33.8	33.8	33.8	33.8	33.8	33.8	
GE 500	27.7	34.9	35.8	36.8	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
GE 400	27.7	35.5	36.5	37.4	37.7	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
GE 300	27.7	35.8	36.8	37.7	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	
GE 200	27.7	37.0	39.1	40.4	40.7	41.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	
GE 100	27.7	44.6	46.3	48.0	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	
GE 90	27.7	50.5	52.4	54.5	54.8	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 80	27.7	55.4	57.3	59.8	60.4	60.5	60.9	60.8	60.9	60.8	60.9	60.8	60.9	60.8	60.8	60.8	
GE 70	27.7	58.1	60.0	62.6	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
GE 60	27.7	62.6	64.5	67.0	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
GE 50	27.7	70.7	72.9	75.7	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 40	27.7	75.2	77.5	80.9	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 30	27.7	76.7	79.1	82.6	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 20	27.7	82.6	86.4	87.5	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 10	27.7	84.7	89.1	90.8	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
GE 900	27.7	92.4	95.5	98.4	92.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 800	27.7	92.5	95.6	98.6	92.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 700	27.7	92.6	95.9	91.2	93.4	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 600	27.7	92.9	96.2	91.5	93.9	95.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 500	27.7	92.0	96.3	91.7	94.7	96.1	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 400	27.7	92.0	96.4	91.9	94.8	96.2	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 300	27.7	92.0	96.4	92.0	95.7	96.3	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 200	27.7	92.0	96.4	92.0	95.1	96.5	98.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	27.7	92.0	96.4	92.0	95.1	96.5	98.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 90	27.7	92.0	96.4	92.0	95.1	96.5	98.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 757

USAF CLIMATOLOGY BRANCH
USAF 174C
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: DTG490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85.87
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	1 100	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	14.6	22.6	22.7	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	
GE 2000	25.0	73.5	33.6	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 1600	24.2	73.8	33.9	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	
GE 1400	24.2	73.9	34.1	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	
GE 1200	27.2	74.9	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	
GE 1000	24.2	76.1	36.2	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	37.0	
GE 800	21.4	41.1	41.2	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0	
GE 600	22.7	42.2	42.3	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2	
GE 400	22.7	42.6	42.7	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.6	
GE 200	22.7	42.6	42.7	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.6	
GE 000	22.1	47.3	47.7	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.8	
GE 5000	47.4	57.3	58.2	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.3	
GE 4000	47.5	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 3000	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 2000	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 1600	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 1400	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 1200	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 1000	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 800	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 600	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 400	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 200	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 000	47.7	55.1	55.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	
GE 5000	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 4000	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 3000	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 2000	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 1600	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 1400	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 1200	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 1000	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 800	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 600	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 400	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 200	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 000	47.4	74.0	91.3	93.1	96.4	97.7	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 176490 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 78-85
MONTH: MAY HOURS(IST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	27.2	27.6	28.2	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 1000	32.5	43.5	43.9	44.4	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 800	32.5	43.8	44.2	44.7	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 600	32.5	43.8	44.2	44.7	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 400	32.7	44.7	45.1	45.7	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 200	34.5	46.5	46.9	47.6	48.2	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 100	34.6	50.4	51.5	52.3	53.0	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 50	34.4	52.0	52.6	53.4	54.1	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 30	34.4	52.3	52.8	53.6	54.5	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20	34.4	53.1	53.7	54.6	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10	41.5	56.8	57.5	58.5	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 5	46.7	64.2	65.3	66.5	67.2	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3	46.7	66.3	67.4	68.6	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2	46.7	69.1	71.3	72.6	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1	46.7	72.2	73.7	75.2	76.2	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 0	46.7	75.5	77.2	79.4	80.5	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	54.4	78.0	80.2	82.5	83.7	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 800	54.4	80.4	82.7	85.4	87.0	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 600	54.4	81.3	83.6	86.4	88.2	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	54.4	82.4	84.7	87.7	89.8	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 200	54.4	83.9	86.9	90.1	92.3	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 100	54.4	84.6	87.5	91.3	93.6	95.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 50	54.4	84.7	87.7	91.5	94.0	96.2	96.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 30	54.4	85.1	89.1	91.9	94.4	96.6	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 20	54.4	85.2	89.2	92.0	94.6	96.1	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10	54.4	85.4	89.5	92.4	95.0	96.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 5	54.4	85.4	89.6	92.5	95.2	96.4	97.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3	54.4	85.4	89.6	92.5	95.4	96.3	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2	54.4	85.4	89.6	92.5	95.4	96.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	54.4	85.4	89.6	92.5	95.4	96.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	54.4	85.4	89.6	92.5	95.4	96.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 736

GLOBAL CLIMATOLOGY BRANCH
USAF/CIA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 167	GE 90	GE 60	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	33.7	33.7	34.8	37.5	38.8	39.5	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	
GE 2000	41.6	44.5	47.3	48.8	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	
GE 1800	41.6	44.5	47.3	48.8	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	
GE 1600	41.6	44.5	47.3	48.8	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	
GE 1400	41.9	44.7	47.6	49.1	49.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	
GE 1200	42.3	46.0	49.1	50.5	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	
GE 1000	45.4	49.2	52.6	54.0	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	
GE 900	46.1	49.9	53.2	54.7	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	
GE 800	46.1	50.0	53.5	55.0	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	
GE 700	47.2	51.1	54.6	56.1	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	
GE 600	50.0	54.0	57.7	59.2	60.0	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	
GE 500	54.9	59.2	63.9	65.4	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	
GE 400	55.1	60.6	65.6	67.3	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	
GE 300	57.7	62.9	68.5	70.2	71.4	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	
GE 200	59.6	65.6	70.5	72.0	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3	
GE 100	62.3	67.7	74.0	75.7	77.0	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	
GE 0	64.4	70.2	77.8	79.9	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	
GE 0	66.3	72.4	80.5	82.7	84.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	
GE 0	68.6	73.0	81.1	83.6	85.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	
GE 0	67.7	73.9	82.2	84.6	86.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	
GE 0	69.7	76.1	84.5	87.1	88.6	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	
GE 0	71.3	77.8	86.3	88.9	90.7	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	
GE 0	71.3	77.8	86.4	89.1	91.1	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	
GE 0	72.5	79.2	88.0	90.4	92.9	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	
GE 0	72.5	79.5	88.4	91.5	93.5	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	
GE 0	72.5	79.6	88.7	91.8	93.9	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	
GE 0	72.9	79.8	89.4	92.5	94.6	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	
GE 0	72.9	79.8	89.4	92.7	94.9	96.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1	
GE 0	72.9	79.8	89.4	92.7	95.0	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	
GE 0	72.9	79.8	89.4	92.7	95.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.3	
GE 0	72.9	79.8	89.4	92.7	95.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.9	
GE 0	72.9	79.8	89.4	92.7	95.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 742

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(1ST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
15 FEET	10 FEET	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 20	GE 10	GE 10	GE 10	GE 9	GE 5	GE 4	GE 0	
50 0110	17.1	72.9	23.9	25.6	26.7	27.3	27.8	28.3	28.6	28.7	28.8	28.8	28.9	28.9	28.9	29.1	
GE 0110	11.2	32.3	33.6	36.0	37.3	38.2	38.7	39.3	39.6	39.8	39.9	40.0	40.0	40.0	40.1	40.2	
GE 1010	11.4	32.4	33.7	36.1	37.4	38.3	38.8	39.4	39.8	39.9	40.0	40.1	40.1	40.2	40.2	40.4	
GE 2010	11.4	32.4	33.7	36.1	37.4	38.3	38.8	39.4	39.8	40.0	40.1	40.1	40.1	40.2	40.2	40.4	
GE 3010	11.5	32.9	34.2	36.6	37.9	38.6	39.3	40.0	40.3	40.5	40.6	40.7	40.7	40.7	40.8	40.9	
GE 4010	12.4	33.9	35.4	38.0	39.4	40.3	40.8	41.4	41.9	42.0	42.1	42.2	42.2	42.2	42.2	42.4	
GE 5010	24.4	37.0	38.6	41.3	42.8	43.8	44.4	45.0	45.3	45.5	45.6	45.7	45.7	45.7	45.8	46.0	
GE 6010	24.5	37.8	39.4	42.2	43.7	44.8	45.3	46.0	46.3	46.5	46.6	46.6	46.7	46.7	46.8	46.9	
GE 8010	24.8	38.0	39.6	42.4	44.0	45.1	45.6	46.3	46.6	46.8	46.9	46.9	47.0	47.0	47.1	47.2	
GE 7110	25.0	38.5	40.2	43.1	44.7	45.8	46.3	47.0	47.3	47.5	47.6	47.7	47.7	47.8	47.8	47.9	
GE 0110	26.6	40.9	42.7	45.9	47.5	48.7	49.3	49.9	50.7	50.5	50.6	50.6	50.7	50.7	50.7	50.9	
GE 5010	26.8	46.2	48.3	52.0	54.1	55.5	56.1	56.9	57.3	57.5	57.7	57.8	57.9	57.9	58.1	58.1	
GE 6010	27.5	46.5	48.5	52.6	54.9	56.4	57.1	57.9	58.3	58.5	58.6	58.7	58.8	58.9	59.0	59.1	
GE 7010	27.8	46.8	48.8	53.0	55.3	56.8	57.5	58.3	58.7	58.9	59.0	59.1	59.2	59.3	59.4	59.5	
GE 8010	28.4	47.4	49.4	53.6	55.9	57.4	58.1	58.9	59.3	59.5	59.6	59.7	59.8	59.9	60.0	60.1	
GE 9010	28.6	47.5	49.5	53.7	56.1	57.6	58.3	59.1	59.5	59.7	59.8	59.9	60.0	60.1	60.2	60.3	
GE 0110	29.0	47.8	49.8	54.0	56.4	57.9	58.6	59.4	59.8	60.0	60.1	60.2	60.3	60.4	60.5	60.6	
GE 1010	29.4	48.2	50.2	54.4	56.8	58.3	59.0	59.8	60.2	60.4	60.5	60.6	60.7	60.8	60.9	61.0	
GE 2010	29.8	48.6	50.6	54.8	57.2	58.7	59.4	60.2	60.6	60.8	60.9	61.0	61.1	61.2	61.3	61.4	
GE 3010	30.2	49.0	51.0	55.2	57.6	59.1	59.8	60.6	61.0	61.2	61.3	61.4	61.5	61.6	61.7	61.8	
GE 4010	30.6	49.4	51.4	55.6	58.0	59.5	60.2	61.0	61.4	61.6	61.7	61.8	61.9	62.0	62.1	62.2	
GE 5010	31.0	49.8	51.8	56.0	58.4	59.9	60.6	61.4	61.8	62.0	62.1	62.2	62.3	62.4	62.5	62.6	
GE 6010	31.4	50.2	52.2	56.4	58.8	60.3	61.0	61.8	62.2	62.4	62.5	62.6	62.7	62.8	62.9	63.0	
GE 7010	31.8	50.6	52.6	56.8	59.2	60.7	61.4	62.2	62.6	62.8	62.9	63.0	63.1	63.2	63.3	63.4	
GE 8010	32.2	51.0	53.0	57.2</													

TOTAL NUMBER OF OBSERVATIONS: 52,8

CLIMATE CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076450 STATION NAME: PRIZE HORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	1 100	GE 10	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	VISIBILITY IN HUNDREDS OF METERS									
											GL 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
00 0000	100.0	25.8	29.7	34.1	37.0	77.7	39.4	29.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
01 0000	11.4	31.4	35.6	40.1	43.3	44.3	45.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
02 0000	11.4	31.9	36.1	40.5	43.8	44.0	45.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
03 0000	11.4	31.9	36.1	40.5	43.8	44.0	45.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
04 0000	11.4	31.9	36.1	40.5	43.8	44.0	45.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
05 0000	12.7	32.0	37.1	41.6	45.0	46.0	47.0	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
06 0000	25.1	27.5	41.6	46.3	49.7	50.8	51.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
07 0000	25.6	28.4	42.5	47.6	51.1	52.3	53.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
08 0000	26.1	38.8	42.9	46.2	51.7	52.8	54.0	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
09 0000	26.6	39.9	44.1	49.3	53.0	54.1	55.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
10 0000	26.7	43.1	47.3	53.0	56.7	57.9	59.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
11 0000	27.0	46.3	50.6	56.7	60.9	62.2	63.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
12 0000	27.0	48.0	52.8	58.8	63.2	64.4	65.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
13 0000	27.4	49.3	54.2	60.5	65.0	66.3	67.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
14 0000	27.5	50.7	55.9	62.6	67.6	69.6	70.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
15 0000	27.6	53.0	58.5	65.3	70.5	72.0	73.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
16 0000	27.7	53.8	59.5	66.3	71.5	72.6	74.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
17 0000	27.8	55.0	61.4	68.7	74.1	75.6	76.9	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
18 0000	27.9	56.5	62.5	69.4	74.9	76.3	77.6	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
19 0000	27.9	57.2	63.0	70.3	75.6	77.3	78.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
20 0000	28.1	59.5	65.7	73.1	78.8	80.5	81.7	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
21 0000	28.7	60.8	67.1	74.0	80.6	82.3	83.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
22 0000	28.8	62.0	69.2	76.0	82.6	84.4	85.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
23 0000	28.8	62.6	69.5	77.6	83.7	85.6	87.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
24 0000	28.8	63.3	70.5	79.0	85.4	87.4	89.0	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
25 0000	29.0	63.7	71.4	80.3	87.0	89.2	90.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
26 0000	29.0	63.9	71.5	80.6	87.4	89.9	91.6	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
27 0000	29.0	64.0	71.7	81.0	88.1	90.8	92.8	95.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
28 0000	29.0	64.0	71.8	81.4	88.7	91.4	93.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
29 0000	29.0	64.0	71.8	81.6	88.9	91.5	93.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
30 0000	29.2	64.0	71.9	81.6	88.9	91.5	93.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 704

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

CEILING			VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN METERS	FEET	90	80	70	60	50	40	30	20	10	10	12	10	8	5	4	0
60	CEILING	18.3	12.6	15.0	17.6	19.7	21.9	22.6	24.0	24.4	25.3	25.7	25.7	26.1	26.4	26.5	26.8	
60	18.3	18.3	13.6	21.8	25.7	29.2	31.6	33.0	34.3	35.3	35.7	35.7	36.1	36.4	36.5	36.9		
60	18.3	18.3	14.0	21.9	25.8	28.4	30.9	31.7	33.1	34.4	35.4	35.8	35.8	36.2	36.5	36.7	37.1	
60	18.3	18.3	14.4	19.0	21.9	25.8	28.4	30.9	31.7	33.1	34.4	35.4	35.8	35.8	36.2	36.5	36.7	37.1
60	18.3	18.3	14.7	19.1	22.1	26.1	28.5	31.0	31.9	33.3	34.6	35.5	36.0	36.0	36.4	36.7	36.8	37.2
60	18.3	18.3	15.2	22.5	23.7	27.9	33.8	33.0	34.6	37.2	38.2	38.6	38.8	39.2	39.5	39.6	40.0	
60	18.3	18.3	15.6	23.7	27.1	32.0	35.0	37.8	38.8	40.4	41.7	42.7	43.1	43.3	43.7	44.0	44.1	44.5
60	18.3	18.3	16.7	24.6	27.9	33.1	36.2	39.2	40.2	42.1	43.3	44.2	44.7	44.8	45.2	45.5	45.6	46.1
60	18.3	18.3	16.7	24.6	27.9	33.1	36.2	39.2	40.2	42.0	43.3	44.2	44.7	44.8	45.2	45.5	45.6	46.1
60	18.3	18.3	16.7	25.1	27.5	33.7	36.8	39.9	41.0	42.6	44.1	45.1	45.5	45.6	46.1	46.3	46.5	46.9
60	18.3	18.3	16.7	26.4	30.8	36.1	39.2	42.3	43.4	45.2	46.5	47.5	47.9	48.0	48.5	48.7	48.9	49.3
60	18.3	18.3	17.2	31.0	35.3	41.2	44.8	47.9	49.0	51.1	52.5	53.5	53.9	54.1	54.5	54.8	54.9	55.3
60	18.3	18.3	17.2	31.1	37.5	44.1	47.9	51.0	52.1	54.2	55.8	56.7	57.2	57.3	57.7	58.0	58.1	58.6
60	18.3	18.3	17.2	31.7	39.2	45.9	50.7	53.4	54.5	56.7	58.3	59.3	59.7	59.8	60.3	60.5	60.7	61.1
60	18.3	18.3	17.2	31.6	39.5	46.2	50.6	53.7	54.8	57.0	58.6	59.6	60.0	60.1	60.5	60.8	61.0	61.4
60	18.3	18.3	17.2	31.3	43.1	50.1	54.0	57.7	58.8	61.4	62.9	63.9	64.3	64.5	64.9	65.2	65.3	65.7
60	18.3	18.3	17.2	42.0	44.9	50.1	56.6	60.0	61.2	63.6	65.3	66.3	66.7	66.9	67.3	67.6	67.7	68.1
60	18.3	18.3	17.2	42.0	48.7	55.6	61.1	63.6	64.9	67.6	69.1	70.1	70.5	70.6	71.1	71.3	71.5	71.9
60	18.3	18.3	17.2	44.5	49.6	57.2	61.7	65.2	66.4	69.1	70.6	71.6	72.1	72.2	72.6	72.9	73.0	73.5
60	18.3	18.3	17.2	43.9	51.1	59.3	63.4	67.4	68.7	71.3	72.9	74.0	74.4	74.6	75.0	75.3	75.4	75.8
60	18.3	18.3	17.2	47.9	54.1	61.0	66.6	70.5	71.7	74.9	76.5	77.7	78.1	78.2	78.7	78.9	79.1	79.5
60	18.3	18.3	17.2	49.9	54.1	63.1	68.0	72.2	73.7	76.7	78.4	79.5	79.9	80.1	80.5	80.8	80.9	81.3
60	18.3	18.3	17.2	49.3	54.5	63.9	68.9	73.1	74.9	77.9	79.6	80.8	81.2	81.3	81.7	82.0	82.2	82.6
60	18.3	18.3	17.2	50.1	56.2	65.4	70.3	73.0	77.2	80.6	82.4	83.6	84.7	84.1	84.6	84.8	85.0	85.4
60	18.3	18.3	17.2	50.8	57.0	67.1	72.1	77.0	79.0	82.7	84.8	86.0	86.4	86.5	86.9	87.2	87.4	87.8
60	18.3	18.3	17.2	51.4	57.9	68.0	73.7	78.1	80.5	84.1	86.2	87.5	87.9	88.1	88.5	88.8	89.0	89.3
60	18.3	18.3	17.2	52.0	58.4	68.6	74.9	79.4	82.7	86.0	88.5	89.9	90.3	90.4	90.9	91.2	91.3	91.7
60	18.3	18.3	17.2	52.4	58.9	69.4	75.9	80.5	83.8	87.4	90.4	92.1	92.6	92.7	93.1	93.4	93.5	94.0
60	18.3	18.3	17.2	52.4	59.9	69.4	76.1	80.6	84.0	87.7	92.2	94.0	94.7	94.8	95.2	95.5	95.6	96.1
60	18.3	18.3	17.2	52.4	60.5	70.5	76.1	80.2	84.6	90.2	93.7	96.2	96.8	96.9	97.3	97.8	97.9	98.3
60	18.3	18.3	17.2	52.4	58.5	69.5	76.1	80.3	84.7	90.4	94.0	96.5	97.1	97.2	97.6	98.0	98.2	98.9
60	18.3	18.3	17.2	52.4	56.5	69.5	76.1	80.3	84.7	90.4	94.0	96.6	97.2	97.3	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 710

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS (LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 100	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1.5	34.6	16.2	17.9	20.4	21.0	22.1	23.4	24.1	24.3	24.4	24.5	24.5	24.5	24.5	24.8	
GE 2000	17.4	23.7	25.4	27.7	30.2	30.6	32.5	34.3	35.0	35.2	35.3	35.5	35.5	35.5	35.5	35.7	
GE 1800	16.0	24.1	25.8	28.1	30.6	31.2	32.9	34.8	35.5	35.6	35.7	35.9	35.9	35.9	35.9	36.2	
GE 1600	14.0	24.4	26.1	28.4	30.9	31.5	33.2	35.0	35.7	35.9	36.7	36.2	36.2	36.2	36.2	36.5	
GE 1400	12.0	24.7	26.4	28.7	31.2	31.8	33.6	35.7	36.6	36.7	36.9	37.0	37.0	37.0	37.0	37.3	
GE 1200	10.0	25.5	28.2	30.5	33.6	34.2	36.0	38.2	39.0	39.1	39.3	39.4	39.4	39.4	39.4	39.7	
GE 1000	8.0	26.0	32.1	34.8	37.6	38.3	40.1	42.3	43.1	43.3	43.4	43.5	43.5	43.5	43.5	43.8	
GE 900	6.0	26.0	30.6	36.6	39.4	40.1	42.3	44.5	45.4	45.7	45.8	46.0	46.0	46.0	46.0	46.2	
GE 800	4.0	26.7	33.9	36.7	39.6	40.3	42.6	44.6	45.6	46.1	46.2	46.4	46.4	46.4	46.4	46.7	
GE 700	2.0	27.0	37.0	37.0	40.8	40.7	42.0	45.2	46.2	46.5	46.7	46.8	46.8	46.8	46.8	47.1	
GE 600	0.0	27.9	33.5	35.6	38.6	41.6	42.3	44.5	46.8	47.8	48.1	48.2	48.4	48.4	48.4	48.7	
GE 500	0.0	24.3	37.7	39.9	43.1	46.2	47.0	49.2	51.6	52.8	53.2	53.3	53.5	53.5	53.5	53.8	
GE 400	0.0	25.0	43.9	43.3	47.0	50.1	50.8	53.0	55.5	56.6	57.0	57.2	57.3	57.3	57.3	57.6	
GE 300	0.0	27.4	43.1	45.6	49.6	52.6	53.5	55.9	58.3	59.4	59.9	60.3	60.1	60.1	60.1	60.4	
GE 200	0.0	27.7	44.0	46.7	50.8	53.9	54.6	57.0	59.7	60.9	61.3	61.4	61.6	61.6	61.6	61.8	
GE 100	0.0	27.7	45.5	49.4	52.6	55.7	56.5	58.9	61.6	62.7	63.1	63.3	63.4	63.4	63.4	63.7	
GE 0	0.0	27.4	47.5	50.5	54.8	57.9	58.6	61.0	63.7	64.8	65.2	65.4	65.5	65.5	65.5	65.8	
GE 0	0.0	27.4	45.9	57.0	57.4	62.7	61.4	64.1	67.0	68.1	68.5	69.7	68.8	68.8	68.8	69.1	
GE 0	0.0	27.7	51.1	54.2	56.7	62.0	62.7	65.4	68.4	69.5	69.9	71.1	70.2	70.2	70.2	70.5	
GE 0	0.0	28.0	54.8	58.7	63.1	66.4	67.1	69.8	72.9	74.0	74.5	74.6	74.8	74.8	74.8	75.0	
GE 0	0.0	28.7	59.2	62.6	67.8	71.1	71.5	74.6	77.9	79.0	79.4	79.6	79.7	79.7	79.7	80.0	
GE 0	0.0	27.5	60.9	64.5	69.9	73.1	74.2	76.9	80.4	81.5	82.3	82.4	82.6	82.6	82.6	82.8	
GE 0	0.0	27.7	61.7	65.4	70.5	74.3	75.2	78.0	81.6	83.0	83.4	83.5	83.7	83.7	83.7	84.0	
GE 0	0.0	27.2	62.8	66.7	73.0	76.5	77.4	80.9	84.4	85.8	86.2	86.4	86.5	86.5	86.5	86.8	
GE 0	0.0	27.7	63.4	67.4	73.6	77.2	78.2	81.6	85.1	86.7	87.1	87.2	87.4	87.4	87.4	87.7	
GE 0	0.0	27.4	62.7	68.5	75.2	79.7	79.9	83.5	87.2	88.9	89.5	89.6	89.8	89.8	89.8	90.1	
GE 0	0.0	27.6	64.4	69.9	76.9	80.0	81.7	85.7	89.9	91.6	92.5	92.6	92.8	92.8	92.8	93.0	
GE 0	0.0	27.6	64.1	70.1	77.0	81.7	83.3	86.7	91.3	93.0	94.0	94.2	94.3	94.5	94.5	94.8	
GE 0	0.0	27.6	64.1	70.2	77.2	81.1	82.7	87.5	92.9	94.8	96.2	96.3	96.5	96.6	96.6	96.9	
GE 0	0.0	27.6	64.1	70.2	77.2	81.1	82.7	87.8	92.9	95.7	96.9	97.2	97.6	97.7	97.7	98.0	
GE 0	0.0	27.6	64.1	70.2	77.2	81.1	82.7	87.8	92.9	95.7	97.1	97.4	98.0	98.3	98.4	98.9	
GE 0	0.0	27.6	64.1	70.2	77.2	81.1	82.7	87.8	92.9	95.7	97.0	97.4	98.0	98.6	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076497 STATION NAME: RUIZ MORTON PAF WA

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0600-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
FEET	100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100	GE 100
NO CEIL	100	14.9	16.3	18.0	19.8	18.6	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 100	100	20.9	24.3	25.9	27.2	27.2	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 100	100	23.1	24.5	26.2	27.5	27.5	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 100	100	25.3	24.7	26.4	27.6	27.6	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 100	100	24.2	25.4	27.5	28.8	28.8	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 100	100	26.2	27.5	29.9	31.1	31.1	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 100	100	30.7	32.4	34.5	35.9	35.9	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 100	100	31.4	33.1	35.2	36.6	36.6	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 100	100	31.6	33.2	35.3	36.7	36.7	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 100	100	31.6	33.2	35.5	36.9	36.9	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 100	100	30.9	35.8	38.0	39.7	39.7	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 100	100	40.0	41.9	44.0	45.9	46.0	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 100	100	44.5	46.3	48.5	50.4	50.5	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 100	100	48.9	51.1	53.3	55.1	55.3	55.8	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 100	100	50.1	52.2	54.6	56.4	56.5	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 100	100	52.5	54.6	56.9	58.8	58.8	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 100	100	60.9	63.1	65.6	67.5	67.6	68.2	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 100	100	70.4	72.8	75.6	77.4	77.6	78.3	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 100	100	74.1	76.7	79.5	81.6	81.8	82.5	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 100	100	75.7	81.5	84.4	86.7	86.8	87.5	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 100	100	80.5	83.6	87.0	89.7	89.8	90.2	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 100	100	81.5	84.6	88.1	90.7	90.8	91.2	91.7	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 100	100	81.9	85.0	88.5	91.3	91.6	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 100	100	82.2	85.4	89.2	92.1	92.8	94.1	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 100	100	82.6	86.1	89.9	93.1	94.1	94.4	95.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 100	100	82.7	86.3	90.2	94.0	94.8	95.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 100	100	83.0	86.5	90.7	95.1	96.2	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	100	83.0	86.5	90.7	95.1	96.2	97.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	100	83.0	86.5	90.7	95.1	96.4	97.9	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	100	83.0	86.5	90.7	95.1	96.4	97.9	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100	83.0	86.5	90.7	95.1	96.4	97.9	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100	83.0	86.5	90.7	95.1	96.4	97.9	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 715

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-86
MONTH: JUN HOURS(EST): 1200-1400

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 75

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZL NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	19.5	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 2000	32.7	32.3	32.7	32.6	32.3	32.6	32.8	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1400	32.0	32.2	32.7	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1000	32.7	32.3	32.7	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 800	34.2	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 600	37.4	36.3	36.8	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 400	42.9	40.5	41.4	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 300	44.1	42.5	43.1	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 200	44.6	43.6	43.8	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 100	46.1	44.4	44.9	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 50	51.1	49.4	50.0	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 30	64.1	64.1	64.2	64.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20	72.0	72.0	72.7	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10	77.0	77.0	77.7	79.0	79.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5	81.4	79.1	79.7	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3	84.9	82.5	83.2	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2	88.5	86.3	86.3	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1	89.6	89.6	89.6	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 0	92.5	89.9	91.6	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 0	93.8	92.9	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 0	96.1	91.7	92.5	95.2	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 0	96.9	92.0	97.1	95.9	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 0	97.5	92.3	93.5	96.3	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	98.5	92.8	94.2	97.0	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	99.0	93.0	94.5	97.3	98.3	98.5	98.7	99.0	99.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	99.4	93.1	94.6	97.5	98.5	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	99.7	93.1	94.6	97.5	98.5	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	100.0	93.1	94.6	97.5	98.5	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	93.1	94.6	97.5	98.5	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	93.1	94.6	97.5	98.5	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	93.1	94.6	97.5	98.5	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	93.1	94.6	97.5	98.5	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	93.1	94.6	97.5	98.5	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 710

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 756

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 2100-2300

TOTAL NUMBER OF OBSERVATIONS: 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07645 STATION NAME: BRIZE LORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN FOUR(51ST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 100	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	19.7	19.4	20.9	22.3	23.5	24.0	24.3	24.4	24.9	25.0	25.1	25.1	25.2	25.2	25.2	25.3	
GE 100	21.7	29.1	30.8	32.7	34.0	34.6	35.0	35.7	35.9	36.0	36.1	36.1	36.2	36.3	36.3	36.4	
GE 200	22.1	29.2	31.0	32.8	34.2	34.8	35.2	35.8	36.1	36.2	36.3	36.3	36.4	36.4	36.5	36.6	
GE 300	22.1	29.4	31.1	32.9	34.3	34.8	35.3	35.9	36.1	36.3	36.4	36.4	36.4	36.5	36.5	36.6	
GE 400	22.6	29.1	31.2	33.7	35.1	35.6	36.1	36.7	37.0	37.2	37.2	37.2	37.3	37.4	37.4	37.5	
GE 500	24.1	22.1	32.9	36.0	37.5	38.1	38.6	39.3	39.5	39.7	39.8	39.8	39.9	39.9	39.9	40.0	
GE 600	27.7	26.9	38.8	41.1	42.6	43.3	43.8	44.6	44.9	45.0	45.1	45.1	45.2	45.2	45.3	45.4	
GE 700	28.7	28.1	40.1	42.5	44.0	44.6	45.4	46.2	46.4	46.6	46.7	46.7	46.8	46.8	46.9	46.9	
GE 800	29.0	28.5	40.4	42.9	44.5	45.2	45.8	46.6	46.9	47.1	47.1	47.2	47.2	47.3	47.3	47.4	
GE 900	29.7	29.1	41.1	43.6	45.2	46.0	46.7	47.5	47.9	48.0	48.0	48.0	48.1	48.1	48.2	48.3	
GE 1000	31.0	32.4	44.5	47.1	48.9	49.6	50.3	51.1	51.4	51.5	51.6	51.6	51.7	51.8	51.8	51.9	
GE 1200	37.7	49.9	52.3	55.2	57.2	58.0	58.6	59.5	59.9	60.0	60.1	60.1	60.2	60.3	60.3	60.4	
GE 1400	41.1	54.6	57.5	60.2	62.2	63.0	63.7	64.6	65.7	65.2	65.2	65.3	65.3	65.4	65.4	65.5	
GE 1600	47.6	57.7	60.4	63.6	65.9	66.6	67.3	68.3	68.7	68.9	69.0	69.0	69.0	69.1	69.1	69.2	
GE 1800	44.4	59.4	62.1	65.5	67.7	68.5	69.2	70.2	70.6	70.6	70.9	70.9	71.0	71.0	71.0	71.1	
GE 2000	47.7	62.2	65.0	68.5	70.8	71.6	72.4	73.5	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.4	
GE 2500	49.5	65.5	68.4	72.1	74.4	75.3	76.1	77.2	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.2	
GE 3000	50.0	69.1	72.3	76.2	78.7	79.6	80.5	81.6	82.7	82.7	82.8	82.8	82.9	83.0	83.0	83.1	
GE 3500	50.9	70.3	73.5	77.5	80.0	80.9	81.8	83.1	83.5	83.6	83.7	83.8	83.8	83.9	83.9	84.0	
GE 4000	52.6	72.2	75.5	79.8	82.3	83.3	84.2	85.5	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.5	
GE 4500	54.0	74.2	77.6	82.1	84.7	85.0	86.0	86.9	88.3	88.7	88.9	89.0	89.1	89.1	89.2	89.2	
GE 5000	55.0	75.1	78.6	83.3	86.2	87.3	88.3	89.4	90.2	90.4	90.5	90.5	90.6	90.7	90.7	90.8	
GE 5500	57.5	75.8	79.4	84.2	87.2	88.3	89.3	90.4	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.9	
GE 6000	57.6	76.4	80.2	85.3	88.4	89.4	90.4	91.5	92.5	93.0	93.2	93.3	93.4	93.4	93.5	93.6	
GE 6500	58.6	76.8	80.6	86.1	89.4	90.7	92.0	93.6	94.2	94.4	94.5	94.5	94.6	94.7	94.7	94.8	
GE 7000	57.7	77.3	81.3	86.7	90.0	91.0	93.0	94.8	95.4	95.6	95.7	95.8	95.8	95.9	95.9	96.0	
GE 7500	59.7	77.2	81.6	87.2	90.7	92.3	93.9	95.5	96.5	96.8	96.9	96.9	97.0	97.1	97.1	97.2	
GE 8000	59.7	77.3	81.7	87.3	91.1	92.7	94.4	96.5	97.3	97.7	97.8	97.8	97.9	98.0	98.0	98.1	
GE 8500	59.7	77.3	81.6	87.4	91.2	92.9	94.7	97.1	98.0	98.5	98.6	98.7	98.7	98.8	98.8	98.9	
GE 9000	59.7	77.3	81.6	87.4	91.2	93.0	94.8	97.3	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.4	
GE 9500	59.7	77.3	81.5	87.4	91.2	93.0	94.8	97.3	98.1	99.0	99.2	99.3	99.5	99.6	99.6	99.7	
GE 10000	59.7	77.2	81.5	87.4	91.2	93.0	94.8	97.3	98.3	99.0	99.2	99.4	99.6	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5000

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 78-85.97
MONTH: JUL HOURS(EST): 0300-0500

CEILING IN FEET	1 00	GE 01	GE 02	GE 03	GE 04	GE 05	GE 06	GE 07	GE 08	GE 09	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17	GE 18	GE 19	GE 20
NO CELL	1	7.7	14.4	16.0	20.4	22.4	23.4	25.1	28.0	29.9	31.0	31.7	31.7	31.7	32.2	32.4	32.4				
GE 01	1	7.9	16.7	20.0	25.9	28.5	28.0	31.8	35.9	38.0	39.5	40.5	40.5	40.5	41.0	41.2	41.2				
GE 02	1	8.9	18.7	20.6	25.9	28.5	30.6	31.8	35.9	38.0	39.5	40.5	40.5	40.5	41.0	41.2	41.2				
GE 03	1	8.9	18.7	20.6	25.9	28.5	30.6	31.8	35.9	38.0	39.5	40.5	40.5	40.5	41.0	41.2	41.2				
GE 04	1	8.9	18.7	20.6	25.9	28.5	30.6	31.8	35.9	38.0	39.5	40.5	41.4	41.4	42.0	42.1	42.1				
GE 05	1	8.9	21.8	23.9	29.4	30.0	34.4	35.8	40.1	42.4	43.9	44.9	44.9	44.9	45.4	45.5	45.5				
GE 06	1	11.1	24.1	27.2	33.3	36.4	39.1	40.5	44.9	47.5	49.1	50.6	50.6	50.6	51.2	51.3	51.3				
GE 07	1	11.1	25.1	29.4	34.7	37.7	40.5	41.8	46.2	49.0	50.5	50.5	52.0	52.0	52.5	52.7	52.7				
GE 08	1	11.1	25.1	29.4	34.8	37.9	40.7	42.1	46.5	49.7	51.2	52.7	52.7	52.7	53.2	53.4	53.4				
GE 09	1	11.1	25.5	29.5	35.3	39.7	41.2	42.5	47.1	50.2	51.9	53.4	53.4	53.4	53.9	54.0	54.0				
GE 10	1	11.1	27.6	31.1	37.9	40.9	43.6	45.4	50.1	53.4	54.9	56.4	56.4	56.4	56.9	57.1	57.1				
GE 11	1	11.1	28.4	31.8	35.7	42.8	46.4	49.0	51.0	55.5	59.3	60.9	62.4	62.4	62.4	63.0	63.1	63.1			
GE 12	1	11.1	28.4	32.0	37.7	44.9	48.7	51.7	53.6	58.4	61.9	63.5	65.0	65.0	65.2	65.7	65.8	65.8			
GE 13	1	11.1	28.4	32.0	39.1	46.2	50.1	53.1	55.0	60.1	63.5	65.2	66.7	66.7	66.8	67.4	67.5	67.5			
GE 14	1	11.1	28.2	35.9	40.1	47.2	51.0	54.0	56.0	61.0	64.5	66.1	67.6	67.6	67.8	68.3	68.4	68.4			
GE 15	1	11.1	28.4	37.7	42.0	49.7	53.5	56.5	58.4	63.5	66.9	68.6	70.1	70.1	70.2	70.8	70.9	70.9			
GE 16	1	11.1	28.2	40.3	44.7	52.7	56.5	59.5	61.6	66.7	70.2	72.0	73.5	73.5	73.7	74.2	74.3	74.3			
GE 17	1	11.1	28.2	42.6	46.9	55.4	59.3	62.4	64.6	69.7	73.3	75.0	76.5	76.5	76.7	77.2	77.4	77.4			
GE 18	1	11.1	28.1	43.9	48.3	57.1	61.0	64.2	66.4	71.5	75.0	76.8	78.3	78.3	78.5	79.0	79.1	79.1			
GE 19	1	11.1	27.9	46.2	50.5	59.7	63.8	66.9	69.1	74.2	77.8	79.6	81.1	81.1	81.2	81.8	81.9	81.9			
GE 20	1	27.0	43.0	53.2	62.7	66.9	70.1	72.3	77.4	80.9	82.7	84.2	84.2	84.4	84.9	85.0	85.0				
GE 21	1	27.7	49.9	55.0	64.0	69.0	72.4	74.6	79.7	83.3	85.0	86.6	86.6	86.7	87.2	87.4	87.4				
GE 22	1	27.4	50.0	56.1	65.7	70.2	73.7	75.9	81.1	84.6	86.4	87.9	87.9	88.1	88.6	88.8	88.8				
GE 23	1	27.6	51.3	56.9	66.9	71.5	74.9	77.1	82.3	85.9	87.7	89.2	89.2	89.3	89.8	90.0	90.0				
GE 24	1	27.0	52.1	58.0	68.4	73.0	76.4	78.6	83.8	87.4	89.2	90.7	90.7	90.8	91.4	91.5	91.5				
GE 25	1	27.0	52.4	59.4	68.9	73.4	77.1	79.3	84.5	88.0	90.1	91.6	91.6	91.8	92.3	92.5	92.5				
GE 26	1	28.1	53.1	59.3	70.4	75.0	78.9	81.2	86.7	90.3	92.2	93.7	93.7	93.8	94.4	94.5	94.5				
GE 27	1	28.0	53.0	59.4	70.0	75.0	78.4	81.9	87.5	91.0	93.0	94.6	95.1	95.1	95.2	95.7	95.9	95.9			
GE 28	1	28.0	53.0	59.5	70.9	76.0	80.1	82.7	88.5	92.0	94.0	95.3	96.8	96.8	97.0	97.5	97.7	97.7			
GE 29	1	28.1	53.2	59.5	70.9	76.0	80.1	82.7	88.5	92.0	94.0	95.3	96.8	96.8	97.0	97.5	97.7	97.7			
GE 30	1	28.0	53.0	59.5	70.9	76.0	80.1	82.7	88.5	92.0	94.0	95.3	96.8	96.8	97.0	97.5	97.7	97.7			
GE 31	1	28.0	53.2	59.5	70.9	76.0	80.1	82.7	88.5	92.0	94.0	95.3	96.8	96.8	97.0	97.5	97.7	97.7			
GE 32	1	28.0	53.2	59.5	70.9	76.0	80.1	82.7	88.5	92.0	94.0	95.3	96.8	96.8	97.0	97.5	97.7	97.7			

TOTAL NUMBER OF OBSERVATIONS: 729

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 226490 STATION NAME: BRIS NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	100	GE 50	GE 60	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0				
NO CEIL	1.7	15.2	16.4	16.4	21.1	22.2	23.3	24.4	25.4	26.3	26.3	26.4	26.9	27.0	27.1	27.2	
GE 2000	17.2	21.6	23.2	26.3	30.0	31.6	33.0	34.6	35.9	37.0	37.3	37.6	38.0	38.1	38.3	38.4	
GE 1800	17.4	21.7	23.5	27.1	30.3	31.8	33.2	34.9	36.2	37.3	37.6	37.8	38.3	38.4	38.5	38.7	
GE 1600	17.4	21.9	23.5	27.1	30.3	31.8	33.2	34.9	36.2	37.3	37.6	37.8	38.3	38.4	38.5	38.7	
GE 1400	17.6	22.8	24.0	27.7	30.9	32.4	33.8	35.5	36.7	37.6	38.1	38.4	38.8	39.0	39.1	39.2	
GE 1200	17.7	24.5	26.5	33.4	33.9	35.6	37.3	39.1	40.4	41.5	41.8	42.0	42.5	42.6	42.7	42.9	
GE 1000	17.9	27.9	30.2	34.2	37.3	39.5	41.2	43.3	45.1	46.4	46.9	47.2	47.6	47.8	47.9	48.0	
GE 900	17.6	30.0	32.3	36.5	40.1	41.8	43.6	45.7	47.5	48.9	49.4	49.7	50.1	50.3	50.4	50.6	
GE 800	17.6	30.2	32.4	36.7	40.4	42.2	43.9	45.9	47.8	49.2	49.7	50.0	50.4	50.6	50.7	50.8	
GE 700	17.0	30.7	33.0	37.3	40.9	42.6	44.4	46.5	48.3	49.9	50.6	50.8	51.3	51.4	51.5	51.7	
GE 600	17.2	32.5	35.1	39.4	43.0	44.7	46.5	48.6	50.4	52.0	52.7	52.9	53.4	53.5	53.6	53.8	
GE 500	17.4	36.5	39.4	43.9	47.6	49.4	51.3	53.5	55.3	56.8	57.5	57.8	58.2	58.4	58.5	58.7	
GE 400	17.6	39.4	41.5	46.0	50.4	52.2	54.1	56.3	58.1	59.6	60.3	60.6	61.0	61.2	61.3	61.5	
GE 300	17.7	41.8	44.3	49.0	53.8	56.4	58.7	60.5	62.0	62.7	63.0	63.4	63.5	63.7	63.8	63.9	
GE 200	17.6	42.9	45.4	50.7	54.5	56.3	58.1	60.3	62.2	63.7	64.4	64.7	65.1	65.2	65.4	65.5	
GE 100	17.4	44.3	46.8	52.5	56.4	58.2	60.1	62.3	64.1	65.6	66.3	66.6	67.0	67.2	67.3	67.5	
GE 0	17.4	45.5	48.5	54.3	58.2	60.1	62.2	64.4	66.2	67.7	68.4	68.7	69.1	69.3	69.4	69.7	
GE 1000	17.4	47.0	51.7	57.0	61.9	62.7	65.2	67.5	69.3	70.8	71.5	71.6	72.2	72.3	72.5	72.8	
GE 1800	17.6	49.2	52.4	56.5	62.4	64.2	66.9	69.1	71.2	72.5	73.2	73.5	73.9	74.0	74.2	74.4	
GE 1600	17.7	52.1	55.3	61.6	65.6	67.5	70.1	72.3	74.2	75.7	76.4	76.7	77.1	77.2	77.4	77.7	
GE 1400	17.4	55.2	58.5	64.8	69.4	71.2	73.9	76.1	77.9	79.5	80.2	80.4	80.9	81.0	81.1	81.4	
GE 1200	17.4	57.4	61.2	67.5	72.2	74.0	76.7	79.1	80.9	82.4	83.1	83.4	83.8	83.9	84.1	84.4	
GE 1000	17.3	58.4	62.2	68.4	73.3	75.1	77.8	80.2	82.0	83.5	84.2	84.5	84.9	85.1	85.2	85.5	
GE 900	17.7	60.0	64.0	70.0	74.7	76.5	79.0	81.1	83.5	85.5	87.0	87.7	88.0	88.4	88.5	88.7	
GE 800	17.7	61.1	65.0	72.5	77.2	79.4	82.7	85.1	87.0	88.7	89.4	89.7	90.1	90.2	90.4	90.6	
GE 700	17.7	61.5	65.5	73.6	78.5	81.7	84.6	87.0	89.0	90.6	91.3	91.6	92.0	92.2	92.3	92.6	
GE 600	17.7	62.3	67.3	74.9	80.7	83.2	86.2	88.6	90.9	92.6	93.6	93.9	94.3	94.4	94.6	94.8	
GE 500	17.7	62.4	67.5	75.7	81.5	84.4	87.4	90.4	92.5	94.1	95.1	95.4	95.8	95.9	96.1	96.4	
GE 400	17.7	62.4	67.7	75.8	82.0	84.6	87.8	91.1	93.2	95.0	95.9	96.2	96.6	96.8	96.9	97.2	
GE 300	17.7	62.4	67.7	75.8	82.0	84.6	87.8	91.1	93.2	95.0	95.9	96.2	96.6	96.8	96.9	97.2	
GE 200	17.7	62.4	67.7	75.8	82.0	84.6	87.8	91.1	93.2	95.0	95.9	96.2	96.6	96.8	96.9	97.2	
GE 100	17.7	62.4	67.7	75.8	82.0	84.6	87.8	91.1	93.2	95.0	95.9	96.2	96.6	96.8	96.9	97.2	
GE 0	17.7	62.4	67.7	75.8	82.0	84.6	87.8	91.1	93.2	95.0	95.9	96.2	96.6	96.8	96.9	97.2	

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 014490 STATION NAME: PRIZE HORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	FEET	GE 01	GE 02	GE 03	GE 04	GE 05	GE 06	GE 07	GE 08	GE 09	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	11.1	17.2	19.5	19.9	21.0	21.2	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 0100	16.0	27.7	29.4	31.5	33.5	33.6	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 1000	17.0	27.7	29.4	31.5	33.5	33.6	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 2000	17.0	27.7	29.4	31.5	33.5	33.6	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 3000	17.1	29.1	31.0	33.1	35.2	35.4	35.6	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 4000	17.9	33.5	32.4	34.6	36.7	37.0	37.1	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 5000	27.5	34.3	36.3	38.5	41.2	41.8	41.9	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 6000	27.9	35.3	37.4	40.4	42.7	43.3	43.4	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	27.9	35.3	37.5	40.5	42.9	43.4	43.5	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 8000	27.9	35.6	37.8	40.8	43.1	43.7	43.8	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 9000	27.9	37.5	39.7	42.9	45.5	46.0	46.2	46.6	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 10000	37.4	40.6	45.1	48.8	51.5	52.1	52.2	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 11000	37.4	48.5	51.7	55.2	58.1	58.7	58.8	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	37.4	51.0	54.4	58.4	61.4	62.2	62.4	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 13000	37.7	53.1	56.6	60.6	63.6	64.4	64.6	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 14000	37.7	54.1	57.5	61.5	64.1	65.0	65.1	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 15000	47.9	62.9	65.8	70.1	72.1	72.9	74.0	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	47.9	65.5	71.6	75.9	78.8	79.7	79.8	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 17000	47.9	70.1	73.1	77.6	80.6	81.5	81.6	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 18000	47.9	74.0	77.3	82.0	85.0	86.0	86.2	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 19000	47.7	79.3	82.4	87.2	90.4	91.3	91.8	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 20000	49.1	80.4	83.7	88.7	92.2	93.1	93.7	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 21000	49.2	80.5	83.8	88.9	92.4	93.4	94.1	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 22000	49.7	81.0	84.8	89.6	93.3	94.4	95.1	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 23000	49.7	81.2	84.8	89.7	93.7	94.9	95.6	96.8	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 24000	49.7	81.0	85.0	90.4	94.8	96.0	96.8	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 25000	49.7	81.0	85.4	90.7	95.2	96.7	97.4	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 26000	49.7	81.0	85.6	90.8	95.5	96.6	97.5	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 27000	49.7	81.0	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 28000	49.7	81.0	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 29000	49.7	81.0	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30000	49.7	81.0	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 724

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 78-85, p7
MONTH: JUL HOURS(LST): 1200-1400

CELL ID	VISIBILITY IN HUNDREDS OF METERS																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	
	FEET	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	
GE 10001	100.0	18.0	19.9	20.5	20.6	20.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	
GE 10002	100.0	22.1	32.5	34.3	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	
GE 10003	100.0	32.2	33.6	34.4	35.1	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
GE 10004	100.0	32.2	33.6	34.4	35.1	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
GE 10005	100.0	32.9	34.3	35.3	36.0	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	
GE 10006	100.0	33.4	36.9	37.9	39.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
GE 10007	100.0	43.2	41.8	43.0	44.2	44.7	45.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
GE 10008	100.0	41.8	43.3	44.5	45.9	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	
GE 10009	100.0	42.3	43.8	45.1	46.5	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
GE 10010	100.0	42.9	44.5	45.6	47.2	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
GE 10011	100.0	45.9	47.7	49.0	50.3	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
GE 10012	100.0	52.3	54.2	55.6	57.0	57.4	58.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 10013	100.0	51.1	61.3	64.7	65.1	66.5	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 10014	100.0	57.7	67.5	69.7	71.2	72.6	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE 10015	100.0	71.4	74.1	75.7	77.0	77.5	78.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
GE 10016	100.0	76.9	79.1	81.1	82.4	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE 10017	100.0	81.2	83.4	85.5	86.9	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
GE 10018	100.0	87.1	89.1	89.2	90.9	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 10019	100.0	86.3	88.5	90.6	92.3	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 10020	100.0	87.8	90.0	92.3	93.9	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 10021	100.0	88.9	91.4	93.9	95.7	96.1	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 10022	100.0	89.6	92.3	95.0	96.8	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 10023	100.0	89.6	92.4	95.4	97.2	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 10024	100.0	89.6	92.4	95.4	97.4	97.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 10025	100.0	89.6	92.5	95.7	97.5	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 10026	100.0	89.6	92.5	96.0	97.5	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 10027	100.0	89.6	92.7	96.1	98.1	98.5	98.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10028	100.0	89.6	92.7	96.1	98.1	98.5	98.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10029	100.0	89.6	92.7	96.1	98.1	98.5	98.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10030	100.0	89.6	92.7	96.1	98.1	98.5	98.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10031	100.0	89.6	92.7	96.1	98.1	98.5	98.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
RIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 000490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(EST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 100	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 250	GE 300
NO CELL	1.1.6	79.6	30.3	31.3	32.0	40.3	32.3	32.3	32.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 100	27.7	47.3	47.9	49.2	50.2	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 200	27.7	47.4	49.0	49.4	50.2	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 300	27.7	47.6	48.1	49.5	50.5	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 400	27.7	49.1	49.7	51.0	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 500	27.7	50.1	52.7	54.3	55.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 600	41.3	57.4	57.9	59.9	61.0	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 700	47.9	59.0	59.7	61.8	63.0	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 800	47.9	59.2	60.0	62.1	63.3	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 900	47.9	59.6	60.3	62.3	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 1000	47.9	59.3	65.1	67.2	68.7	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 1200	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1400	77.7	78.0	81.0	82.6	83.0	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1600	80.1	81.2	83.4	85.0	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	81.9	83.0	85.2	87.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	85.4	86.5	88.7	90.5	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	87.7	88.8	91.0	92.8	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	88.6	89.7	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	89.0	90.1	92.3	94.1	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	89.0	90.2	92.6	94.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4500	89.4	90.9	93.1	94.9	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000	91.9	91.9	94.9	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 5500	91.9	92.6	94.8	96.7	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 6000	91.9	92.7	94.9	96.7	97.6	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 6500	91.9	92.8	95.2	97.4	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 7000	91.9	93.1	95.6	97.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 7500	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 8000	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 8500	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 9000	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 9500	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 10000	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 10000	91.7	93.1	95.0	97.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 725

AD-A187 851

BRIZE NORTON RAF UK REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
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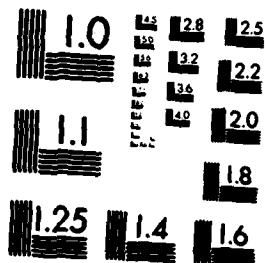
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28



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016490 STATION NAME: PRIZE HORTON RAF LK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN METERS	GE 90	GE 80	GE 60	GE 40	GE 20	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	14.6	99.9	31.4	24.3	37.3	27.7	38.1	38.1	38.1	28.5	38.5	38.5	38.5	38.5	38.5	38.5	
GE 2000	20.0	42.2	45.3	48.3	51.7	52.2	53.2	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
GE 1600	16.0	42.4	45.4	48.5	51.8	52.4	53.3	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 1400	14.0	43.4	45.4	48.5	51.8	52.4	53.3	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 1200	12.0	43.9	46.0	49.6	52.4	52.9	53.9	54.0	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 1000	10.0	45.0	47.2	50.3	53.6	54.2	55.1	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
GE 800	8.0	46.8	51.2	54.6	58.2	59.0	60.1	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 600	6.0	52.1	54.8	58.2	62.2	62.9	64.0	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
GE 400	4.0	52.2	55.1	58.4	62.5	63.1	64.3	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 200	2.0	52.9	56.0	59.3	63.3	64.0	65.1	65.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
GE 000	0.0	57.3	60.5	64.3	68.3	69.0	70.1	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 500	5.0	63.3	66.6	70.8	74.9	75.6	76.7	77.1	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
GE 400	4.0	66.2	69.7	73.8	78.3	79.1	80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
GE 300	3.0	67.7	71.2	75.5	80.1	80.9	82.0	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 200	2.0	69.4	72.9	77.1	81.7	82.5	83.7	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 100	1.0	72.4	76.0	80.6	85.5	86.4	87.5	88.0	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
GE 500	5.0	75.1	78.7	83.4	88.4	89.3	90.4	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 400	4.0	76.6	80.3	85.2	90.2	91.1	92.2	92.8	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 300	3.0	77.0	80.9	85.7	90.7	91.7	92.8	93.4	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 200	2.0	77.3	81.2	86.0	91.0	92.0	93.1	93.6	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 100	1.0	77.5	81.9	86.6	91.8	92.8	93.9	94.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 500	5.0	78.7	83.0	88.1	93.2	94.2	95.3	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 400	4.0	78.6	83.1	88.2	93.4	94.3	95.4	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 300	3.0	79.1	83.7	88.9	94.2	95.2	96.3	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 200	2.0	79.6	84.2	89.5	94.7	95.7	96.8	97.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 100	1.0	80.1	84.6	90.0	95.7	96.3	97.5	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 500	5.0	81.1	84.6	90.2	95.4	96.4	97.6	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 400	4.0	81.1	84.6	90.0	95.8	97.0	98.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 300	3.0	81.1	84.6	90.7	96.0	97.1	98.3	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	2.0	81.1	84.6	90.7	96.3	97.4	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	1.0	81.1	84.6	90.7	96.3	97.4	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 000	0.0	81.1	84.6	90.7	96.3	97.4	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURPLY OBSERVATIONS

STATION NUMBER: 276492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST):

ALL

CEILING IN FEET	BT 160	VISIBILITY IN HUNDREDS OF METERS															
		GE 20	GE 40	GE 60	GE 80	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 220	GE 240	GE 260	GE 280	GE 300	GE 320
NO CLIL	14.7	22.5	23.9	25.9	27.4	28.2	28.8	29.5	29.9	30.2	30.3	30.3	30.4	30.5	30.5	30.5	30.5
GE 1000	22.4	33.2	35.0	37.5	39.6	40.6	41.3	42.3	42.5	43.2	43.4	43.4	43.6	43.6	43.6	43.6	43.6
GE 1200	23.3	33.3	35.1	37.6	39.8	40.8	41.5	42.5	43.0	43.4	43.6	43.6	43.6	43.6	43.7	43.8	43.8
GE 1400	23.4	33.4	35.2	37.7	39.9	40.9	41.6	42.6	43.1	43.5	43.6	43.6	43.6	43.7	43.8	43.8	43.8
GE 1600	23.1	34.3	36.1	38.6	40.9	41.8	42.6	43.5	44.0	44.4	44.6	44.6	44.6	44.7	44.8	44.8	44.8
GE 1800	23.3	36.4	38.3	41.0	43.2	44.4	45.1	46.2	46.7	47.1	47.3	47.3	47.3	47.4	47.5	47.5	47.5
GE 2000	25.7	40.1	42.3	45.3	47.7	49.0	49.6	51.0	51.6	52.0	52.3	52.4	52.4	52.5	52.5	52.6	52.6
GE 2200	27.6	41.8	44.2	47.3	49.8	51.1	51.9	53.1	53.7	54.2	54.5	54.5	54.5	54.6	54.7	54.7	54.7
GE 2400	27.7	42.1	44.4	47.6	50.2	51.4	52.3	53.5	54.2	54.6	54.9	54.9	55.0	55.1	55.1	55.1	55.1
GE 2600	27.0	42.7	45.1	48.3	50.9	52.1	52.9	54.2	54.9	55.3	55.6	55.7	55.7	55.8	55.9	55.9	55.9
GE 2800	27.2	45.9	48.4	51.7	54.4	55.6	56.5	57.8	58.5	59.0	59.3	59.3	59.4	59.4	59.5	59.5	59.5
GE 3000	34.8	51.9	54.7	59.4	61.2	62.5	63.4	64.7	65.5	65.9	66.2	66.3	66.3	66.4	66.4	66.5	66.5
GE 3200	35.0	56.6	59.5	63.3	66.2	67.5	68.4	69.8	70.5	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.6
GE 3400	40.9	59.6	62.5	66.3	69.3	70.6	71.6	73.0	73.7	74.2	74.5	74.5	74.6	74.7	74.7	74.7	74.7
GE 3600	40.9	61.4	64.4	68.3	71.3	72.7	73.6	75.1	75.8	76.2	76.5	76.6	76.6	76.7	76.8	76.8	76.8
GE 3800	44.7	64.4	67.5	71.7	74.7	76.1	77.1	78.5	79.2	79.7	80.0	80.1	80.1	80.2	80.2	80.3	80.3
GE 4000	46.8	67.0	70.4	74.7	77.7	79.2	80.2	81.6	82.4	82.9	83.2	83.2	83.3	83.4	83.4	83.4	83.4
GE 4200	49.6	69.8	73.1	77.5	80.6	82.0	83.1	84.5	85.3	85.8	86.1	86.1	86.2	86.3	86.3	86.4	86.4
GE 4400	45.2	70.8	74.1	78.6	81.7	83.2	84.3	85.7	86.5	87.0	87.3	87.3	87.4	87.5	87.5	87.6	87.6
GE 4600	50.4	72.6	76.0	80.6	83.7	85.2	86.3	87.8	88.5	89.0	89.3	89.4	89.4	89.5	89.6	89.6	89.6
GE 4800	51.1	74.5	77.9	82.7	86.0	87.5	88.6	90.1	90.9	91.4	91.7	91.7	91.8	91.9	91.9	91.9	91.9
GE 5000	51.5	75.6	79.3	84.3	87.7	89.2	90.4	91.9	92.7	93.2	93.5	93.5	93.6	93.7	93.7	93.8	93.8
GE 5200	51.6	76.0	79.7	84.8	88.2	89.7	91.0	92.5	93.3	93.8	94.1	94.1	94.2	94.3	94.3	94.4	94.4
GE 5400	51.8	76.5	80.5	85.7	89.3	90.8	92.0	93.5	94.4	94.9	95.2	95.2	95.3	95.4	95.4	95.5	95.5
GE 5600	51.9	76.9	81.0	86.3	90.0	91.5	92.8	94.4	95.3	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 5800	52.7	77.2	81.4	86.8	90.6	92.3	93.6	95.3	96.1	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2
GE 6000	52.7	77.4	81.6	87.2	91.2	92.9	94.3	96.0	96.9	97.4	97.8	97.8	97.9	97.9	98.0	98.0	98.0
GE 6200	52.7	77.4	81.7	87.5	91.5	93.3	94.7	96.5	97.4	98.0	98.3	98.4	98.4	98.5	98.6	98.6	98.6
GE 6400	52.7	77.4	81.7	87.6	91.6	93.5	94.9	96.9	97.8	98.5	98.8	98.8	98.9	99.0	99.0	99.1	99.1
GE 6600	52.7	77.4	81.7	87.6	91.7	93.5	95.0	97.0	97.9	98.7	99.1	99.1	99.2	99.3	99.3	99.4	99.4
GE 6800	52.7	77.5	81.8	87.6	91.7	93.6	95.0	97.1	98.1	98.8	99.2	99.3	99.4	99.5	99.6	99.7	99.7
GE 7000	52.7	77.5	81.8	87.6	91.7	93.6	95.0	97.1	98.1	98.8	99.2	99.3	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 5797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 075490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS/IST: 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 100	GE 50	GE 40	GE 30	GE 20	GE 15	GE 10	GE 5	GE 3	GE 2	GE 1	GE 0	GE 15	GE 10	GE 5	GE 4	GE 0
NO CEIL	17.8	26.5	29.7	35.5	38.3	39.9	40.6	41.7	42.3	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6
GE 0000	17.4	29.8	33.2	39.8	42.9	44.6	45.7	46.9	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8
GE 0000	19.4	29.9	33.3	39.9	43.1	44.7	45.9	47.2	47.8	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1
GE 0000	19.4	29.9	33.3	39.9	43.1	44.7	45.9	47.2	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1
GE 0000	20.2	30.8	34.2	40.8	43.9	45.6	46.8	48.1	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9
GE 0000	21.0	31.8	35.3	41.9	45.1	46.7	47.9	49.2	49.8	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1
GE 0000	22.4	34.3	38.3	45.1	48.2	49.9	51.4	52.9	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8
GE 0000	24.4	35.4	39.5	46.4	49.7	51.6	53.6	55.1	55.9	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2
GE 0000	24.6	35.7	39.8	46.7	49.9	51.8	53.8	55.3	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4
GE 0000	24.8	36.8	40.9	47.8	51.1	53.1	55.4	56.9	57.8	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1
GE 0000	25.6	41.4	46.9	54.6	58.2	60.6	62.1	64.6	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
GE 0000	26.2	44.4	50.7	59.1	63.1	65.5	68.0	69.7	70.7	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0
GE 0000	26.3	45.6	51.9	60.3	64.6	67.0	69.5	71.3	72.3	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
GE 0000	26.7	46.9	53.4	62.1	66.3	68.7	71.3	73.2	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
GE 0000	27.2	47.9	54.4	63.1	67.5	69.6	72.5	74.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
GE 0000	28.7	49.9	56.4	65.2	69.6	72.0	74.6	76.6	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0
GE 0000	29.2	50.1	57.7	67.6	72.0	74.3	77.0	79.0	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4
GE 0000	27.5	54.6	61.5	70.6	75.1	77.5	80.1	82.1	83.2	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5
GE 0000	27.9	55.2	62.1	71.3	75.8	78.2	80.9	82.9	84.1	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4
GE 0000	28.4	56.3	63.3	72.8	77.3	79.7	82.5	84.5	85.7	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0
GE 0000	29.7	57.6	65.1	75.0	79.5	82.0	84.7	87.1	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7
GE 0000	29.4	57.1	66.8	77.1	81.9	84.6	87.4	89.9	91.1	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5
GE 0000	29.5	57.8	67.5	78.1	83.2	86.2	89.1	91.6	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2
GE 0000	29.6	61.7	68.3	79.1	84.4	87.4	90.2	92.9	94.1	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5
GE 0000	29.9	61.1	68.8	80.2	85.6	88.6	91.5	94.1	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 0000	29.8	61.2	69.1	80.9	86.4	89.6	92.5	95.1	96.5	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9
GE 0000	29.9	61.2	69.0	81.1	86.7	90.0	92.9	95.6	97.0	97.1	97.2	97.2	97.2	97.2	97.4	97.4	97.4
GE 0000	29.9	61.2	69.1	81.4	87.2	90.9	93.7	96.6	98.1	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5
GE 0000	29.9	61.2	69.1	81.4	87.4	91.0	93.9	96.7	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
GE 0000	29.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7
GE 0000	29.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9
GE 0000	29.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9
GE 0000	29.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 799

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026950 STATION NAME: BRIZE NOTION RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS (LST): 0300-0500

CEILING IN FEET	100	GE 90	GE 80	GE 60	GE 40	GE 30	VISIBILITY IN HUNDREDS OF METERS											
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0		
NO CEIL	11.1	17.0	19.6	23.4	25.2	27.0	28.8	31.1	32.4	32.9	32.9	33.0	33.4	33.7	33.7	33.9		
GE 100	17.0	19.9	22.9	27.2	29.5	32.1	33.4	36.5	38.3	39.0	39.7	39.1	39.1	39.3	39.6	39.9	40.1	
GE 80	17.0	19.9	22.9	27.2	29.5	32.1	33.4	36.6	38.4	39.1	39.1	39.1	39.1	39.3	39.6	39.9	40.2	
GE 60	17.0	21.0	23.2	27.4	29.6	32.4	33.8	37.1	39.0	39.6	39.9	40.2	40.5	40.5	40.5	40.9		
GE 40	17.0	21.3	25.0	29.4	31.8	34.5	35.9	39.1	41.1	41.8	41.8	42.0	42.3	42.6	42.6	42.9		
GE 30	17.0	23.7	27.3	32.0	34.4	37.1	38.5	41.8	44.7	44.9	45.0	45.1	45.5	45.7	45.7	46.1		
GE 24	17.0	25.1	29.1	33.8	36.3	39.1	40.6	44.4	46.7	47.6	47.6	47.8	47.9	48.3	48.5	48.9		
GE 20	17.0	25.6	29.6	34.3	36.8	39.6	41.3	45.2	47.6	48.4	48.7	48.8	49.1	49.4	49.4	49.8		
GE 16	17.0	26.8	31.1	36.6	39.4	42.6	44.6	48.8	51.3	52.4	52.7	52.8	53.2	53.4	53.4	53.8		
GE 12	17.0	31.5	36.0	41.7	44.6	48.5	50.7	55.1	59.3	59.5	59.6	60.0	60.2	60.2	60.2	60.6		
GE 10	17.0	32.6	37.4	43.3	46.0	50.5	52.7	57.1	60.0	61.2	61.5	61.6	62.0	62.2	62.2	62.6		
GE 9	17.0	33.8	39.4	44.4	47.8	51.8	54.0	58.4	61.5	62.8	63.0	63.2	63.5	63.8	63.8	64.1		
GE 5	17.0	35.0	39.6	45.6	49.0	53.0	55.2	59.6	62.7	64.0	64.3	64.4	64.8	65.0	65.0	65.4		
GE 4	17.0	36.1	41.0	47.1	50.9	54.9	57.1	61.7	64.8	66.1	66.3	66.5	66.8	67.1	67.1	67.4		
GE 0	17.0	38.0	43.0	49.0	53.9	58.0	60.2	65.0	69.0	69.0	69.6	69.8	70.1	70.4	70.4	70.7		
GE 0	17.0	41.3	46.5	53.4	57.7	62.0	64.3	69.0	72.2	73.5	73.8	73.9	74.3	74.5	74.5	74.9		
GE 0	17.0	42.2	47.4	54.4	58.9	63.0	65.4	70.2	73.4	74.8	75.0	75.1	75.5	75.7	75.7	76.1		
GE 0	17.0	44.3	49.9	57.2	61.7	66.1	68.4	73.3	76.6	77.9	78.2	78.3	78.7	78.9	78.9	79.3		
GE 0	17.0	46.0	52.3	60.0	64.6	69.5	72.1	77.2	80.5	81.6	82.1	82.2	82.6	82.8	82.8	83.2		
GE 0	17.0	47.0	53.8	61.7	66.6	71.4	74.3	79.9	83.3	84.6	84.9	85.0	85.4	85.6	85.6	86.0		
GE 0	17.0	48.0	54.4	63.0	68.4	73.5	76.2	81.8	85.2	86.6	86.9	87.0	87.3	87.6	87.6	87.9		
GE 0	17.0	49.7	55.0	64.1	69.6	74.0	77.9	83.5	87.0	88.3	88.6	88.7	89.1	89.4	89.4	89.8		
GE 0	17.0	49.5	56.3	65.6	71.5	76.6	79.8	85.4	88.9	90.2	90.5	90.6	91.2	91.5	91.5	91.8		
GE 0	17.0	50.1	57.1	66.7	72.7	78.3	81.0	86.8	90.4	91.7	92.0	92.1	92.7	92.9	92.9	93.3		
GE 0	17.0	50.5	57.7	67.2	73.4	79.0	82.0	87.0	91.2	92.0	92.0	92.0	93.2	93.9	94.0	94.4		
GE 0	17.0	50.7	58.2	68.0	74.1	79.8	82.8	88.5	92.4	93.0	93.0	93.0	94.5	95.1	95.4	95.7		
GE 0	17.0	50.9	58.4	68.3	74.8	80.4	83.5	89.0	93.5	94.0	94.0	94.0	95.6	96.2	96.5	96.8		
GE 0	17.0	51.9	58.4	68.3	74.8	80.4	83.8	89.4	94.0	94.0	94.0	94.0	96.5	97.1	97.3	97.9		
GE 0	17.0	51.9	58.4	68.4	75.0	80.7	84.0	90.2	94.4	96.0	97.0	97.1	97.9	98.0	98.0	98.9		
GE 0	17.0	52.5	58.4	68.4	75.0	80.7	84.0	90.2	94.4	96.6	97.1	97.2	97.9	98.2	98.4	100.0		

TOTAL NUMBER OF OBSERVATIONS: 820

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURTY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN METERS	CE 90	CE 80	CE 60	CE 40	CE 20	CE 32	CE 24	CE 20	CE 16	CE 12	CE 10	CE 8	CE 5	CE 4	CE 0	
NO CEIL	1 14.0	18.0	19.2	20.2	21.5	21.9	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	
CE 1000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 1400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 1600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 1800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 2000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 2200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 2400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 2600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 2800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 3000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 3200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 3400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 3600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 3800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 4000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 4200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 4400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 4600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 4800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 5000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 5200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 5400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 5600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 5800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 6000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 6200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 6400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 6600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 6800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 7000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 7200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 7400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 7600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 7800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 8000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 8200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 8400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 8600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 8800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 9000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 9200	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 9400	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 9600	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 9800	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
CE 10000	1 27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURTY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG FOUR (LAST): 1700-1400

CEILING IN FEET	1 10'	GE 90'	GE 30'	GE 60'	GE 40'	GE 40'	VISIBILITY IN HUNDREDS OF METERS											
							GE 32'	GE 24'	GE 20'	GE 16'	GE 12'	GE 10'	GE 8'	GE 5'	GE 4'	GE 0'		
NO CEIL	14.8	21.4	21.8	72.4	23.1	23.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 1000	27.7	31.7	32.0	32.6	33.4	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 1000	27.8	31.8	32.2	32.8	33.5	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 1000	27.7	31.8	32.2	32.8	33.5	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 1400	27.6	32.3	32.6	33.3	34.1	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 1000	28.3	34.4	34.8	35.8	36.9	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 1000	27.9	36.4	37.4	38.6	40.1	40.2	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 1000	27.6	38.5	39.0	40.2	41.7	41.8	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 1000	27.8	38.3	39.4	40.6	42.1	42.2	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 7000	27.6	33.9	39.5	40.7	42.2	42.3	42.9	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 6000	27.0	41.1	41.9	43.2	44.6	44.7	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5000	27.9	49.9	50.9	52.2	54.0	54.2	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4000	40.3	54.8	55.7	57.2	59.0	59.2	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 4000	47.2	61.2	62.2	63.8	65.8	65.9	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	50.7	65.0	66.0	67.6	69.6	69.7	70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2000	58.5	71.0	72.0	73.7	75.7	75.8	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1000	50.3	75.6	76.5	78.2	80.2	80.3	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1000	57.7	79.6	81.4	83.1	85.3	85.5	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	59.2	82.2	83.9	85.6	87.9	87.9	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	66.7	85.0	86.7	88.5	90.8	91.2	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	67.4	87.2	89.2	91.3	93.8	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	67.4	89.0	90.2	92.3	94.7	95.4	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	67.7	88.3	90.5	92.5	94.7	95.6	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	67.5	88.5	90.7	92.9	95.5	96.1	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	67.5	88.6	90.8	93.2	95.8	96.5	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	67.5	88.8	91.1	93.6	96.3	96.9	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	67.5	89.0	91.3	93.9	96.6	97.2	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	67.5	89.1	91.6	94.1	97.1	97.7	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	67.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	67.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	67.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	67.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 816

GENERAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	100	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 250	GE 300
NO CEILING	100	23.9	24.9	25.6	25.9	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 100	23.9	75.4	36.5	37.4	37.7	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 200	24.9	36.5	36.7	37.6	38.0	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 300	25.6	36.7	36.7	37.6	38.0	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 400	25.9	37.2	36.1	38.5	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 500	26.3	39.0	40.1	40.9	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 600	26.4	40.7	43.9	44.6	45.4	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 700	26.4	44.3	45.6	46.7	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 800	26.4	44.6	46.1	47.2	48.1	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 900	26.4	46.0	47.5	48.6	49.4	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 1000	26.4	49.2	51.0	52.2	53.1	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 1200	26.4	58.8	60.9	62.1	63.4	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 1400	26.4	64.1	66.2	67.4	68.8	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1600	26.4	73.4	73.7	72.0	73.5	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1800	26.4	77.4	73.2	74.7	76.2	76.4	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	26.4	75.7	79.1	79.9	81.5	82.4	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	26.4	78.9	81.4	82.2	84.3	85.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	26.4	82.4	85.2	87.1	88.8	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	26.4	83.2	86.1	88.0	89.9	90.8	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	26.4	84.1	86.9	89.1	91.2	92.1	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500	26.4	85.6	89.7	90.9	92.0	93.5	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000	26.4	86.3	89.8	92.1	94.3	95.2	95.8	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 5500	26.4	86.6	90.0	92.4	94.6	95.6	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 6000	26.4	86.6	90.1	92.7	95.2	96.2	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 6500	26.4	86.6	90.1	93.0	95.6	96.5	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 7000	26.4	86.7	90.2	93.2	95.9	96.9	97.7	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 7500	26.4	86.7	90.4	93.3	96.7	97.3	98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 8000	26.4	86.7	90.4	93.3	96.7	97.3	98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 8500	26.4	86.7	90.4	93.3	96.7	97.3	98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 9000	26.4	86.7	90.4	93.3	96.7	97.3	98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 9500	26.4	86.7	90.4	93.3	96.7	97.3	98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10000	26.4	86.7	90.4	93.3	96.7	97.3	98.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON AFB OK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(IST): 1800-2000

CEILING IN FEET	1 100	GE 9L	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS											
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO CEIL	100.0	70.1	31.4	33.0	33.5	33.6	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 100	20.2	40.0	42.7	45.1	45.8	46.1	46.2	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 100	20.4	41.0	42.8	45.2	46.0	46.2	46.3	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 100	20.5	41.1	43.0	45.3	46.1	46.3	46.5	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 100	20.7	41.4	43.7	46.1	46.8	47.1	47.2	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 100	21.1	44.0	45.8	48.2	48.9	49.2	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 100	31.1	48.4	50.0	53.1	53.6	54.2	54.3	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 100	31.2	50.2	52.4	55.0	55.9	56.2	56.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 100	31.6	50.7	52.8	55.4	56.2	56.5	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 100	32.0	51.2	53.3	55.9	56.7	57.2	57.4	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 100	32.4	54.5	56.9	59.9	61.1	61.9	62.4	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 100	41.1	63.6	66.0	69.4	71.0	72.2	72.9	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 100	41.9	67.9	70.4	73.7	75.3	76.6	77.2	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 100	42.9	69.6	72.1	75.7	77.6	79.1	79.7	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 100	43.1	71.1	73.7	77.3	79.2	80.7	81.3	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 100	51.1	74.6	77.3	80.9	82.8	84.4	85.1	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 100	61.1	76.3	79.2	82.8	84.7	86.3	86.9	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 100	61.2	78.7	81.6	85.3	87.2	88.9	89.5	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 100	61.3	79.1	81.9	85.7	87.5	89.3	89.9	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 100	61.6	80.2	83.1	86.8	88.6	90.5	91.2	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 100	61.7	81.6	84.7	88.4	90.4	92.2	93.2	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 100	61.8	81.7	84.9	88.8	91.0	92.8	93.8	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	61.9	81.8	85.1	88.9	91.2	92.9	93.9	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	61.9	81.6	85.4	89.3	91.7	93.4	94.5	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 100	61.9	82.1	85.7	89.5	92.0	94.0	95.0	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 100	61.9	82.2	85.8	89.9	92.7	94.6	95.6	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	61.9	82.2	85.8	90.0	92.8	94.9	96.6	98.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	61.9	82.3	85.9	90.3	93.3	95.4	97.1	99.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	61.9	82.3	85.9	90.3	93.3	95.6	97.5	99.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.9	82.3	85.9	90.3	93.3	95.6	97.5	99.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.9	82.3	85.9	90.3	93.3	95.6	97.5	99.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.9	82.3	85.9	90.3	93.3	95.6	97.5	99.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 803

GLO. CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 006490 STATION NAME: BRIZZ MORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	100.0	35.3	37.6	40.5	41.1	41.6	42.3	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 100	16.7	42.1	44.9	48.4	49.5	51.5	51.4	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 120	16.7	42.1	44.9	48.4	49.5	51.5	51.5	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 140	16.7	42.0	45.0	48.5	49.6	51.6	51.6	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 160	16.7	43.0	46.2	49.6	50.4	51.9	52.8	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 180	16.7	44.9	48.1	51.6	52.8	53.8	55.0	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 200	31.2	47.4	50.7	54.5	55.8	56.9	58.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 220	31.2	46.5	52.1	55.5	57.3	58.5	59.9	61.0	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 240	31.2	46.8	52.4	56.2	57.9	58.6	60.1	61.3	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 260	31.2	49.6	53.3	57.2	58.7	61.1	61.5	62.6	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 280	31.2	53.3	57.4	61.4	63.4	65.2	66.6	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 300	31.2	59.4	63.9	67.8	69.0	71.9	73.6	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 320	31.2	60.6	65.2	69.2	71.7	73.3	75.1	76.5	77.7	77.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 340	41.1	62.0	66.7	70.8	73.0	75.2	77.1	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 360	41.1	63.5	69.2	72.3	74.5	76.7	78.6	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 380	41.1	66.3	71.2	75.6	77.6	80.1	81.9	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 400	41.1	68.9	74.1	78.6	80.8	83.0	84.9	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 420	41.1	71.4	76.5	80.4	82.6	85.1	87.0	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 440	41.1	73.6	78.4	82.8	83.3	85.5	87.4	88.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 460	41.1	71.2	77.0	81.4	84.1	86.3	88.1	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 480	41.1	72.9	78.7	83.3	86.1	88.4	90.5	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 500	41.1	74.1	80.0	84.5	87.4	89.7	91.8	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 520	41.1	74.4	80.3	85.0	88.1	90.6	92.7	94.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 540	41.1	75.0	81.6	86.6	89.7	92.5	94.6	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 560	41.1	75.0	81.6	86.9	90.1	92.8	94.9	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 580	41.1	75.1	81.9	87.4	90.4	92.7	95.9	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	41.1	75.1	81.9	87.4	90.4	92.7	96.0	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 620	41.1	75.1	81.9	87.4	90.4	92.7	96.0	98.1	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 640	41.1	75.1	82.2	87.7	91.3	94.3	96.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 660	41.1	75.1	82.2	87.7	91.3	94.4	96.8	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 680	41.1	75.1	82.2	87.7	91.3	94.4	96.8	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	41.1	75.1	82.2	87.7	91.3	94.4	96.8	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GENERAL CLIMATOLOGY BRANCH
USAF/CIAG
AIR RELATED SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 074540 STATION NAME: BRIZE NORTON AFB OK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	GE 90	GE 80	GE 60	GF 40	GF 40	GE 30	GF 20	GE 20	GE 16	GE 12	GF 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	100.0	25.8	25.3	27.6	28.9	27.7	30.3	31.1	31.5	31.6	31.6	31.7	31.7	31.8	31.8	31.8	
GE 100	21.4	71.1	33.0	35.0	37.4	36.4	39.2	40.2	40.7	40.9	40.9	41.0	41.0	41.1	41.1	41.2	
GE 180	21.7	71.2	33.1	35.9	37.5	36.5	39.3	40.3	40.8	41.0	41.0	41.1	41.1	41.2	41.2	41.3	
GE 200	21.8	71.2	33.1	35.9	37.5	36.5	39.3	40.4	40.9	41.0	41.1	41.1	41.1	41.2	41.3	41.3	
GE 240	20.7	71.6	33.7	36.6	38.2	37.2	40.0	41.1	41.6	41.8	41.8	41.9	42.0	42.0	42.0	42.1	
GE 260	20.4	72.8	35.3	38.7	41.4	41.4	42.3	43.4	43.9	44.1	44.1	44.2	44.2	44.3	44.3	44.4	
GE 300	21.8	70.9	39.1	42.1	44.7	43.1	46.0	47.3	47.9	48.1	48.2	48.3	48.4	48.4	48.5	48.5	
GE 320	21.6	70.2	40.5	43.7	45.7	44.8	47.9	49.3	50.0	50.2	50.3	50.4	50.5	50.5	50.6	50.6	
GE 340	21.7	70.4	40.7	44.0	45.9	47.1	49.2	49.6	50.3	50.6	50.7	50.7	50.8	50.9	50.9	51.0	
GE 360	21.2	70.2	39.1	41.5	44.6	46.6	47.9	49.0	50.5	51.2	51.4	51.5	51.6	51.7	51.7	51.9	
GE 400	20.0	71.7	44.4	47.9	50.1	50.6	52.8	54.4	55.1	55.4	55.5	55.6	55.6	55.7	55.8	55.8	
GE 420	21.9	70.9	50.9	54.6	57.1	56.8	60.2	61.9	62.8	63.1	63.2	63.3	63.4	63.4	63.5	63.6	
GE 440	21.1	70.6	53.7	57.5	60.1	60.8	63.2	64.9	65.8	66.1	66.3	66.3	66.4	66.5	66.5	66.6	
GE 460	20.7	70.7	55.2	58.4	60.5	63.0	64.6	66.2	67.9	69.9	69.2	69.3	69.4	69.5	69.6	69.6	
GE 480	20.4	70.4	55.3	58.3	62.2	64.9	66.7	68.1	69.9	70.8	71.2	71.3	71.4	71.5	71.5	71.6	
GE 500	21.1	71.1	58.3	61.6	65.7	69.5	71.3	71.8	73.6	74.5	74.9	75.0	75.0	75.1	75.2	75.3	
GE 520	21.1	71.4	64.9	69.1	72.0	73.8	75.3	77.1	78.1	78.4	78.5	78.6	78.7	78.8	78.8	78.9	
GE 540	21.1	71.7	64.6	69.4	72.7	75.7	77.6	79.1	81.0	82.0	82.3	82.4	82.5	82.6	82.6	82.7	
GE 560	21.1	71.7	65.7	69.5	74.5	77.7	79.9	80.5	82.4	83.4	83.7	83.8	83.9	84.0	84.0	84.1	
GE 580	21.1	71.7	67.5	71.5	76.1	79.3	81.2	82.8	84.7	85.7	86.1	86.2	86.3	86.4	86.4	86.5	
GE 600	21.1	71.7	69.8	74.0	78.9	82.1	84.2	85.9	87.9	89.7	89.4	89.5	89.5	89.6	89.7	89.8	
GE 620	21.1	71.7	71.3	75.7	80.3	83.7	85.9	87.7	89.8	90.9	91.3	91.5	91.5	91.6	91.7	91.8	
GE 640	21.1	71.7	71.9	76.4	81.9	85.7	87.9	89.9	92.0	93.3	93.6	93.8	93.9	94.0	94.1	94.1	
GE 660	21.1	71.7	72.2	76.9	82.5	86.4	88.6	90.9	93.1	94.4	94.7	94.9	95.0	95.1	95.2	95.2	
GE 680	21.1	71.7	72.5	77.2	83.2	87.2	90.7	91.8	94.2	95.4	95.8	96.0	96.0	96.2	96.2	96.4	
GE 700	21.1	71.7	72.6	77.4	83.4	87.6	90.1	92.3	94.0	96.1	96.6	96.8	96.9	97.0	97.1	97.2	
GE 720	21.1	71.7	72.7	77.6	83.6	87.8	90.7	93.0	95.6	97.7	97.5	97.7	97.8	97.9	98.0	98.1	
GE 740	21.1	71.7	72.7	77.7	83.9	88.7	91.0	93.7	96.1	97.6	98.1	98.4	98.4	98.5	98.6	98.7	
GE 760	21.1	71.7	72.7	77.7	83.9	88.4	91.0	93.5	96.3	97.9	98.5	98.8	98.9	99.0	99.1	99.3	
GE 780	21.1	71.7	72.7	77.7	84.0	88.4	91.1	93.5	96.4	98.0	98.6	98.9	99.0	99.2	99.3	99.6	
GE 800	21.1	71.7	72.7	77.7	84.0	88.4	91.1	93.5	96.4	98.0	98.6	98.9	99.0	99.2	99.4	99.5	
GE 820	21.1	71.7	72.7	77.7	84.0	88.4	91.1	93.5	96.4	98.0	98.6	98.9	99.0	99.2	99.4	99.5	

TOTAL NUMBER OF OBSERVATIONS: 6980

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USFETAG
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(IST): 0300-0500

CEILING In Feet	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEILING	17.6	25.9	22.1	24.0	25.8	27.6	25.8	31.3	31.9	32.9	33.5	33.9	34.8	35.2	35.4	35.8
GE 100	17.6	24.5	26.3	26.5	30.3	32.3	37.5	36.2	36.9	37.9	38.6	38.9	39.9	40.3	40.6	41.0
GE 150	17.6	24.6	26.4	29.0	30.8	32.8	34.2	36.7	37.4	38.4	39.1	39.4	40.5	40.6	41.1	41.5
GE 200	17.6	24.6	26.4	29.0	30.8	32.8	34.2	36.7	37.4	38.4	39.1	39.4	40.5	40.8	41.1	41.5
GE 250	17.6	24.9	26.6	29.3	31.7	37.3	34.7	37.3	38.1	39.1	39.7	40.1	41.1	41.5	41.7	42.1
GE 300	17.6	26.9	29.7	31.7	37.4	45.7	37.1	39.4	40.7	41.7	42.3	42.7	43.7	44.1	44.3	44.7
GE 350	17.6	29.4	31.5	34.3	36.1	38.6	40.1	43.0	43.7	44.7	45.4	45.7	46.7	47.1	47.4	47.7
GE 400	17.6	29.8	31.9	34.7	36.4	39.1	40.6	43.5	44.2	45.2	45.9	46.2	47.2	47.6	47.9	48.2
GE 450	17.6	30.3	32.4	35.2	36.9	39.6	41.1	44.0	44.7	45.7	46.4	46.7	47.7	48.1	48.4	48.7
GE 500	17.6	30.7	32.8	35.7	37.4	40.1	41.6	44.5	45.2	46.2	46.9	47.2	48.2	48.6	48.9	49.2
GE 550	17.6	30.4	34.5	37.7	39.6	42.3	43.8	46.7	47.5	48.5	49.1	49.5	50.5	50.9	51.1	51.5
GE 600	17.6	34.7	37.2	40.6	43.1	46.2	47.9	51.0	52.0	53.1	53.8	54.1	55.2	55.5	55.8	56.2
GE 650	17.6	36.4	39.1	43.0	45.2	48.4	50.0	53.1	54.1	55.2	55.9	56.3	57.3	57.7	57.9	58.3
GE 700	17.6	39.4	42.0	46.1	48.6	51.6	53.3	56.4	57.4	58.5	59.2	59.5	60.6	60.9	61.2	61.6
GE 750	17.6	40.6	43.0	47.0	50.0	53.6	55.3	58.4	59.4	60.6	61.2	61.6	62.6	62.9	63.2	63.6
GE 800	17.6	42.2	45.2	49.7	52.1	55.6	57.4	60.4	61.9	63.1	63.7	64.1	65.1	65.5	65.7	66.1
GE 850	17.6	43.6	46.7	51.3	53.8	57.4	59.7	62.6	63.6	64.7	65.3	65.7	66.7	67.1	67.3	67.7
GE 900	17.6	45.2	49.0	54.3	56.7	60.7	62.3	66.0	67.0	68.1	68.7	69.1	70.1	70.5	70.7	71.1
GE 950	17.6	45.9	49.7	54.9	57.4	61.4	63.1	66.7	67.7	68.8	69.5	69.8	70.9	71.2	71.5	71.9
GE 1000	17.6	47.1	51.1	56.3	59.7	63.2	64.8	68.5	69.5	70.6	71.2	71.6	72.6	73.0	73.2	73.6
GE 1050	17.6	49.6	53.9	59.5	62.6	67.2	69.7	72.5	73.5	74.9	75.5	75.9	76.9	77.3	77.5	77.9
GE 1100	17.6	51.5	55.9	61.7	64.9	69.3	71.4	75.1	76.3	77.6	78.3	78.6	79.6	80.0	80.3	80.7
GE 1150	17.6	52.9	57.3	63.4	66.7	71.1	73.2	77.0	78.1	79.5	80.2	80.5	81.5	81.9	82.2	82.5
GE 1200	17.6	54.0	58.5	64.8	68.2	72.7	74.9	78.0	80.2	81.9	82.5	82.9	83.9	84.3	84.5	84.9
GE 1250	17.6	55.6	59.7	66.1	69.7	74.6	76.9	81.0	82.4	84.2	84.8	85.2	86.2	86.6	86.8	87.2
GE 1300	17.6	56.0	60.8	67.0	71.5	76.4	78.5	82.8	84.3	86.1	86.7	87.1	88.1	88.4	88.7	89.1
GE 1350	17.6	56.5	61.3	66.5	72.7	76.0	80.3	85.1	86.7	88.7	89.3	89.7	90.7	91.1	91.3	91.7
GE 1400	17.6	56.8	61.9	69.3	73.0	76.9	82.2	87.4	89.2	91.2	91.8	92.2	93.2	93.6	93.8	94.2
GE 1450	17.6	56.5	61.9	69.3	74.7	78.2	82.5	87.9	89.8	91.8	92.5	92.8	93.8	94.2	94.5	94.8
GE 1500	17.6	56.0	61.9	69.5	74.1	78.4	82.8	88.4	90.3	92.6	93.2	93.6	94.7	95.1	95.4	95.7
GE 1550	17.6	56.5	61.9	69.5	74.1	78.4	82.8	88.4	90.5	92.8	93.6	94.2	95.6	96.2	96.6	97.0
GE 1600	17.6	56.6	61.9	69.5	74.1	78.4	82.8	88.4	90.5	92.8	93.6	94.5	96.0	97.1	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 796

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 0600-0800

CRUISING	VISIBILITY IN HUNDREDS OF METERS															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
	FEET	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
SEA CLIFF	11.7	14.4	15.4	17.4	18.7	19.0	19.7	22.1	23.2	24.2	24.5	24.7	25.2	26.1	26.2	27.4
GE 1	17.7	23.0	24.2	26.4	27.5	28.6	29.4	32.5	33.8	35.2	35.4	35.9	36.7	38.0	38.5	40.0
GE 2	17.2	23.0	24.2	26.4	27.5	28.6	29.4	32.5	33.8	35.2	35.4	35.9	36.7	38.0	38.5	40.0
GE 3	17.7	23.2	24.5	26.6	27.7	28.9	29.6	32.6	34.0	35.4	35.7	36.2	36.9	38.2	38.7	40.2
GE 4	17.7	24.2	25.5	27.6	28.9	30.3	31.1	34.3	35.7	37.1	37.3	37.8	38.7	40.0	40.5	42.0
GE 5	17.7	24.4	28.0	30.3	31.4	32.2	34.3	37.5	38.8	40.4	40.6	41.1	42.0	43.3	43.8	45.3
GE 6	17.7	24.5	32.5	34.8	35.9	37.7	38.8	42.1	43.6	45.4	45.6	46.3	47.2	48.4	48.9	50.4
GE 7	17.7	24.8	32.5	35.6	36.7	38.5	39.6	42.9	44.4	46.2	46.4	47.0	47.9	49.2	49.7	51.2
GE 8	17.7	24.8	33.4	35.7	36.9	38.6	39.7	43.0	44.5	46.3	46.5	47.2	48.0	49.3	49.8	51.3
GE 9	17.7	24.8	33.7	35.9	37.1	38.6	40.0	43.3	44.8	46.5	46.8	47.4	48.3	49.6	50.1	51.6
GE 10	17.7	24.5	35.3	37.7	38.9	40.7	41.9	45.1	46.7	48.4	48.7	49.3	50.2	51.5	52.0	53.5
GE 11	17.1	36.1	37.3	40.4	41.5	43.0	45.0	48.3	49.9	51.7	52.1	52.7	53.6	54.9	55.4	56.9
GE 12	17.7	37.2	39.1	41.6	42.7	44.4	46.3	49.6	51.2	53.0	53.3	54.0	54.9	56.1	56.6	58.1
GE 13	17.7	38.6	40.5	43.3	44.4	46.5	47.9	51.2	53.0	54.7	55.4	56.0	56.9	58.1	58.6	60.2
GE 14	17.7	39.0	40.9	43.0	44.4	47.2	48.5	51.8	53.7	55.5	56.1	56.7	57.6	58.9	59.4	60.9
GE 15	17.7	41.0	43.4	46.5	47.9	50.2	51.7	55.4	57.3	59.0	59.6	60.3	61.2	62.4	62.9	64.4
GE 16	17.4	41.7	44.1	47.4	48.9	51.3	52.8	56.6	58.6	60.4	61.0	61.7	62.5	63.8	64.3	65.8
GE 17	17.7	43.5	46.4	50.2	52.1	54.5	56.1	60.0	62.0	63.9	64.6	65.2	66.1	67.3	67.8	69.4
GE 18	17.7	44.5	47.4	51.3	53.3	55.7	57.4	61.3	63.2	65.2	65.8	66.5	67.3	68.6	69.1	70.6
GE 19	17.7	46.0	48.9	52.8	54.2	57.6	59.3	63.3	65.3	67.3	67.9	68.7	69.6	70.9	71.4	72.9
GE 20	17.7	46.4	49.7	53.6	54.1	58.7	60.3	64.5	66.5	68.5	70.6	71.2	72.0	74.1	74.7	76.2
GE 21	17.7	49.9	53.0	58.0	60.4	63.4	65.7	69.5	71.5	73.6	74.4	75.2	76.0	77.3	77.8	79.3
GE 22	17.7	50.7	53.7	59.1	59.6	63.5	65.1	69.0	71.1	73.1	73.7	74.4	75.1	76.4	76.9	78.4
GE 23	17.7	52.0	56.0	61.9	65.1	68.1	70.4	74.4	76.4	78.7	79.4	80.2	81.1	82.3	8	

TOTAL NUMBER OF OBSERVATIONS: 793

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 166490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 107	GE 90	GE 30	GE 60	GE 49	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CILIL	14.7	17.1	19.3	19.4	20.5	21.0	21.4	21.6	22.2	22.7	22.7	22.7	22.8	22.8	22.8	22.8	
GE 2000	21.7	27.4	29.9	30.8	32.0	32.6	33.2	33.5	34.0	34.6	34.8	34.8	34.9	34.9	34.9	34.9	
GE 1800	21.8	27.5	29.0	30.9	32.2	32.9	33.3	33.7	34.2	34.9	34.9	34.9	35.0	35.0	35.0	35.0	
GE 1600	21.9	27.8	29.3	31.2	32.4	33.2	33.5	33.9	34.4	35.2	35.2	35.2	35.3	35.3	35.3	35.3	
GE 1400	22.4	28.4	30.0	32.0	33.3	34.0	34.4	34.8	35.3	36.0	36.0	36.0	36.2	36.2	36.2	36.2	
GE 1200	23.7	30.4	32.2	34.2	35.4	36.2	36.7	37.0	37.5	38.3	38.3	38.3	38.4	38.4	38.4	38.4	
GE 1000	27.7	34.8	36.5	38.7	39.9	41.7	41.2	41.8	42.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	
GE 900	28.7	35.8	37.7	39.9	41.4	42.3	42.8	43.4	43.9	44.7	44.7	44.7	44.8	44.8	44.8	44.8	
GE 800	29.7	36.3	38.2	40.4	42.3	43.3	43.9	44.7	45.2	45.9	45.9	45.9	46.1	46.1	46.1	46.1	
GE 700	30.7	36.3	38.2	40.4	42.3	43.3	43.9	44.7	45.2	45.9	45.9	45.9	46.1	46.1	46.1	46.1	
GE 600	32.7	37.8	39.7	41.9	43.8	44.6	45.4	46.2	46.7	47.4	47.4	47.4	47.6	47.6	47.6	47.6	
GE 500	33.7	43.7	42.6	45.2	47.3	48.4	49.4	50.2	50.7	51.4	51.4	51.4	51.6	51.6	51.6	51.6	
GE 400	34.3	43.2	45.2	47.9	50.1	51.2	52.2	52.9	53.4	54.2	54.2	54.2	54.3	54.3	54.3	54.3	
GE 300	34.7	45.9	47.9	50.9	53.1	54.3	55.4	56.2	56.7	57.4	57.4	57.4	57.6	57.6	57.6	57.6	
GE 200	37.3	47.3	49.3	52.4	54.7	55.9	57.1	57.8	58.4	59.2	59.2	59.2	59.3	59.3	59.3	59.3	
GE 100	39.7	49.2	51.2	54.6	57.2	58.4	59.6	60.3	61.0	61.7	61.7	61.7	61.8	61.8	61.8	61.8	
GE 90	47.7	53.8	55.8	59.2	62.3	63.6	64.7	65.5	66.1	66.8	66.8	66.8	67.0	67.0	67.0	67.0	
GE 80	48.9	58.6	60.8	64.3	67.5	68.7	69.8	70.6	71.3	72.1	72.1	72.1	72.2	72.2	72.2	72.2	
GE 70	49.8	61.6	63.6	67.6	70.7	72.0	73.1	73.8	74.6	75.3	75.3	75.3	75.5	75.5	75.5	75.5	
GE 60	51.9	65.5	67.7	71.6	74.7	76.0	77.1	77.8	78.6	79.3	79.3	79.3	79.5	79.5	79.5	79.5	
GE 50	54.7	69.6	72.2	76.6	79.7	81.0	82.1	83.1	83.9	84.6	84.6	84.6	84.7	84.7	84.7	84.7	
GE 40	55.4	71.3	74.0	78.0	82.1	83.5	84.7	85.7	86.5	87.4	87.4	87.4	87.5	87.5	87.5	87.5	
GE 30	55.3	72.6	75.3	80.4	84.2	85.6	87.0	88.0	88.7	89.6	89.6	89.6	89.7	89.7	89.7	89.7	
GE 20	55.7	73.5	76.5	81.0	85.6	87.4	88.7	90.0	90.7	91.6	91.6	91.6	91.7	91.7	91.7	91.7	
GE 10	55.6	74.0	77.1	82.4	86.6	88.5	90.1	91.9	92.6	93.5	93.5	93.5	93.6	93.6	93.6	93.6	
GE 9	55.6	74.3	77.6	83.1	87.6	89.6	91.5	93.6	94.4	95.2	95.2	95.2	95.4	95.4	95.4	95.4	
GE 8	55.7	74.3	77.8	83.5	88.2	90.4	92.2	94.4	95.1	96.0	96.0	96.0	96.1	96.1	96.1	96.1	
GE 7	55.7	74.3	78.0	83.7	88.6	90.9	92.9	95.5	96.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	
GE 6	55.6	74.3	78.0	83.7	88.9	91.1	93.2	96.1	97.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	
GE 5	55.6	74.3	78.0	83.7	88.9	91.1	93.2	96.1	97.2	98.6	98.6	98.6	98.7	98.9	98.9	98.9	
GE 4	55.6	74.3	78.0	83.7	88.9	91.1	93.2	96.1	97.2	98.9	99.0	99.1	99.2	99.2	99.2	99.4	
GE 3	55.6	74.3	78.0	83.7	88.9	91.1	93.2	96.1	97.2	98.9	99.1	99.2	99.4	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86

MONTH: SEP HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GE 100	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	26.9	21.5	22.4	23.5	24.4	24.6	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 2000	29.4	36.1	37.2	38.4	39.7	40.2	40.4	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 1800	29.6	36.3	37.4	38.7	39.9	40.4	40.7	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 1600	29.9	36.7	37.8	39.1	40.3	40.6	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 1400	30.8	37.9	39.1	40.3	41.5	42.0	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 1200	31.7	42.5	42.7	43.9	45.1	45.6	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 1000	37.4	45.8	46.9	48.3	49.8	50.4	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 900	37.6	48.3	49.4	51.1	52.6	52.2	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 800	39.6	48.3	49.4	51.1	52.7	52.4	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 700	37.7	48.4	49.5	51.2	52.9	53.0	53.7	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 600	41.4	50.4	51.5	53.7	55.5	56.1	56.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 500	46.1	57.0	58.3	60.7	62.4	63.1	63.3	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 450	57.9	62.4	63.8	66.2	67.9	68.5	68.8	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 400	54.1	66.5	67.9	70.3	72.0	72.6	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 350	56.5	69.0	70.4	72.8	74.5	75.1	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 300	59.3	72.5	73.9	76.2	78.1	78.9	79.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 250	61.6	75.6	77.1	79.5	81.3	82.1	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 200	60.4	76.9	80.5	83.1	85.1	85.9	86.4	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 150	67.7	80.3	82.0	84.6	86.7	87.7	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 100	64.4	82.3	84.2	86.9	89.2	90.4	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 50	66.0	85.1	86.9	89.7	92.0	93.4	94.2	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	66.4	86.2	88.3	91.0	93.5	95.0	95.8	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	66.5	86.9	89.1	91.8	94.4	95.9	96.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	66.5	86.9	89.2	92.2	94.8	96.3	97.0	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	66.5	86.9	89.3	92.5	95.1	96.6	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	66.5	86.9	89.3	92.5	95.1	96.5	98.1	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	66.5	87.1	89.6	92.8	95.5	97.3	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.5	87.1	89.6	92.8	95.5	97.3	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 504

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIST NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOUR(S) (LST): 1400-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	19.6	15.1	26.4	28.4	30.0	30.9	31.9	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 2000	37.4	26.4	40.3	42.6	44.6	45.7	47.2	48.0	48.3	48.6	49.0	48.0	48.0	48.0	48.0	48.0
GE 1800	37.5	26.6	40.5	42.7	44.7	45.9	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 1600	38.5	28.6	40.5	42.7	44.7	45.9	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 1400	31.7	29.7	41.6	43.8	46.0	47.1	48.6	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 1200	32.5	42.3	44.2	46.5	48.6	49.7	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 1000	37.4	46.7	48.6	50.9	53.0	54.3	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 900	37.9	47.7	49.7	52.1	54.6	55.9	57.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 800	38.1	48.0	50.0	52.4	54.9	56.2	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 700	35.2	48.1	50.1	52.5	55.0	56.3	57.8	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 600	39.3	50.0	52.0	54.4	57.0	58.4	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 500	43.0	54.1	56.2	58.7	61.3	62.7	64.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 400	45.6	58.0	60.3	62.9	65.6	67.0	68.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8
GE 300	48.0	61.6	63.9	67.1	69.7	71.1	72.6	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 200	49.1	63.1	65.5	68.6	71.2	72.6	74.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5
GE 100	61.5	66.3	68.7	71.9	74.5	75.9	77.4	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	57.5	69.2	71.9	75.1	77.8	79.1	80.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	54.6	71.5	74.5	78.0	80.7	82.7	84.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 1600	54.9	71.7	74.7	78.4	81.0	83.0	84.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1400	55.9	74.2	77.4	81.0	83.8	86.1	88.1	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	56.5	76.4	80.3	84.3	87.1	89.6	91.6	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3
GE 1000	57.2	76.9	80.8	85.1	88.1	90.7	92.7	94.0	94.2	94.3	94.6	94.7	94.7	94.7	94.7	94.7
GE 900	57.3	77.3	81.2	85.4	88.4	91.1	93.1	94.3	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1
GE 800	57.4	77.9	81.9	86.3	89.3	92.1	94.1	95.4	95.6	95.7	96.0	96.1	96.1	96.1	96.1	96.1
GE 700	57.4	78.9	82.5	87.6	90.6	93.6	95.7	97.0	97.2	97.4	97.7	97.9	97.9	97.9	97.9	97.9
GE 600	57.4	79.9	82.7	87.7	90.8	93.8	96.1	97.6	97.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5
GE 500	57.4	79.1	83.2	88.1	91.5	94.5	96.9	98.4	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4
GE 400	57.4	79.1	83.4	88.3	91.7	94.8	97.2	98.7	99.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9
GE 300	57.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	57.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	57.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
GE	57.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	BY 100	GE 90	GE 80	GE 60	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0			
40 CEIL	10.6	21.9	23.1	25.0	26.5	27.4	29.1	29.2	29.6	30.0	30.3	30.4	30.6	30.6	30.9	31.1	
GF 2000	24.0	71.2	32.7	34.9	36.6	77.6	38.6	39.9	40.4	40.9	41.1	41.3	41.5	41.8	41.9	42.2	
GF 1600	24.0	71.2	32.7	35.0	36.3	77.9	38.7	40.0	40.5	41.0	41.3	41.4	41.7	41.9	42.0	42.3	
GF 1400	24.1	71.4	32.9	35.2	36.9	78.0	38.9	40.2	40.7	41.2	41.4	41.6	41.8	42.1	42.2	42.4	
GF 1200	24.6	72.0	33.6	35.9	37.6	78.6	39.7	41.1	41.6	42.1	42.3	42.5	42.7	43.0	43.1	43.4	
GF 1000	25.0	74.5	36.2	38.6	40.4	41.0	42.5	43.9	44.4	45.0	45.2	45.3	45.6	45.8	46.0	46.2	
GF 800	27.8	78.3	47.0	42.4	44.3	45.5	46.6	48.0	48.6	49.1	49.3	49.5	49.8	50.0	50.1	50.4	
GF 600	30.7	79.4	41.2	43.7	45.6	46.9	48.0	49.4	50.0	50.5	50.7	50.9	51.2	51.4	51.6	51.8	
GF 400	33.0	79.7	41.5	44.1	46.1	47.4	48.4	50.0	50.5	51.1	51.3	51.4	51.7	52.0	52.1	52.4	
GF 200	31.0	82.0	41.5	44.4	46.3	47.7	48.7	50.3	50.8	51.3	51.6	51.7	52.0	52.3	52.4	52.6	
GF 000	70.9	41.5	43.5	46.2	48.4	49.7	50.8	52.4	52.9	53.4	53.7	53.8	54.1	54.4	54.5	54.7	
GF 5000	27.7	45.5	47.5	50.6	52.9	54.4	55.5	57.3	57.9	58.5	59.7	58.9	59.2	59.4	59.5	59.8	
GF 4500	37.5	44.4	50.4	53.6	55.8	57.4	58.5	60.3	60.9	61.5	61.7	61.9	62.2	62.4	62.5	62.8	
GF 4000	39.9	51.5	53.7	57.0	59.3	60.8	62.0	63.8	64.4	65.0	66.3	65.5	65.7	66.0	66.1	66.4	
GF 3500	41.1	55.1	55.3	58.7	61.0	62.6	63.8	65.5	66.2	66.8	67.1	67.2	67.5	67.6	67.9	68.2	
GF 3000	47.7	55.8	56.1	61.0	64.1	65.7	66.9	68.8	69.5	70.0	70.3	70.5	70.8	71.0	71.1	71.4	
GF 2500	45.7	58.5	60.8	64.4	67.0	68.7	69.9	71.6	72.5	73.0	73.3	73.5	73.8	74.0	74.1	74.4	
GF 2000	47.1	61.4	64.1	68.0	70.7	72.5	73.8	75.6	76.5	77.1	77.4	77.5	77.8	78.1	78.2	78.5	
GF 1800	47.0	62.0	65.3	69.3	72.1	73.9	75.3	77.2	77.9	78.5	78.8	79.0	79.3	79.5	79.6	79.9	
GF 1600	47.1	64.9	67.7	71.7	74.7	76.6	78.0	79.9	80.7	81.3	81.6	81.8	82.1	82.4	82.5	82.7	
GF 1400	47.5	67.6	70.4	75.2	78.3	80.4	81.8	83.9	84.6	85.3	85.6	85.8	86.1	86.3	86.5	86.7	
GF 1200	43.0	69.2	72.4	77.1	80.5	82.6	84.1	86.2	87.1	87.8	88.1	88.3	88.6	88.8	88.9	89.2	
GF 1000	41.4	70.5	73.3	78.1	81.6	83.8	85.3	87.4	88.3	89.0	89.3	89.5	89.8	90.0	90.2	90.4	
GF 800	41.7	70.6	74.0	79.0	82.7	84.9	86.5	88.6	89.6	90.4	90.7	90.9	91.2	91.4	91.6	91.8	
GF 600	41.7	71.2	74.8	80.0	83.9	86.2	87.9	90.2	91.1	91.9	92.2	92.4	92.7	92.9	93.1	93.3	
GF 400	41.0	71.6	75.2	80.6	84.6	87.2	89.0	91.5	92.4	93.2	93.6	93.8	94.1	94.3	94.4	94.7	
GF 300	41.9	71.6	75.5	81.1	85.7	88.1	90.0	92.7	93.7	94.5	94.9	95.1	95.4	95.6	95.8	96.0	
GF 200	41.9	71.9	75.8	81.5	85.8	88.9	90.9	93.9	94.9	95.6	95.8	96.1	96.4	96.7	97.0	97.4	
GF 100	41.0	72.0	75.8	81.6	86.1	89.2	91.2	94.5	95.6	96.5	96.9	97.1	97.4	97.7	97.8	98.1	
GF 000	41.0	72.0	75.8	81.6	86.1	89.2	91.3	94.7	95.9	96.9	97.3	97.6	97.9	98.2	98.3	98.5	
GF 5000	41.9	72.1	75.4	81.0	85.1	88.2	91.3	94.7	96.0	97.2	97.7	98.0	98.5	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6360

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURTY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 0000-0200

CEILING	VISIBILITY IN HUNDREDS OF METERS																
	IN FEET	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	25
	FEET	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500
NO CEIL	1	10.0	20.3	25.2	27.9	29.9	31.6	33.1	34.5	35.7	36.8	37.8	38.7	39.6	40.5	41.4	42.3
GF 100	1	10.1	20.4	25.3	28.0	30.0	31.7	33.2	34.6	35.8	36.9	37.9	38.8	39.7	40.6	41.5	42.4
GF 200	1	10.2	20.5	25.4	28.1	30.1	31.8	33.3	34.7	35.9	37.0	38.0	38.9	39.8	40.7	41.6	42.5
GF 300	1	10.3	20.6	25.5	28.2	30.2	31.9	33.4	34.8	36.0	37.1	38.1	39.0	39.9	40.8	41.7	42.6
GF 400	1	10.4	20.7	25.6	28.3	30.3	32.0	33.5	34.9	36.1	37.2	38.2	39.1	40.0	40.9	41.8	42.7
GF 500	1	10.5	20.8	25.7	28.4	30.4	32.1	33.6	35.0	36.2	37.3	38.3	39.2	40.1	41.0	41.9	42.8
GF 600	1	10.6	20.9	25.8	28.5	30.5	32.2	33.7	35.1	36.3	37.4	38.4	39.3	40.2	41.1	42.0	42.9
GF 700	1	10.7	21.0	25.9	28.6	30.6	32.3	33.8	35.2	36.4	37.5	38.5	39.4	40.3	41.2	42.1	43.0
GF 800	1	10.8	21.1	26.0	28.7	30.7	32.4	33.9	35.3	36.5	37.6	38.6	39.5	40.4	41.3	42.2	43.1
GF 900	1	10.9	21.2	26.1	28.8	30.8	32.5	34.0	35.4	36.6	37.7	38.7	39.6	40.5	41.4	42.3	43.2
GF 1000	1	11.0	21.3	26.2	28.9	30.9	32.6	34.1	35.5	36.7	37.8	38.8	39.7	40.6	41.5	42.4	43.3
GF 1200	1	11.1	21.4	26.3	29.0	31.0	32.7	34.2	35.6	36.8	37.9	38.9	39.8	40.7	41.6	42.5	43.4
GF 1400	1	11.2	21.5	26.4	29.1	31.1	32.8	34.3	35.7	36.9	38.0	39.0	39.9	40.8	41.7	42.6	43.5
GF 1600	1	11.3	21.6	26.5	29.2	31.2	32.9	34.4	35.8	37.0	38.1	39.1	40.0	40.9	41.8	42.7	43.6
GF 1800	1	11.4	21.7	26.6	29.3	31.3	33.0	34.5	35.9	37.1	38.2	39.2	40.1	41.0	41.9	42.8	43.7
GF 2000	1	11.5	21.8	26.7	29.4	31.4	33.1	34.6	36.0	37.2	38.3	39.3	40.2	41.1	42.0	42.9	43.8
GF 2500	1	11.6	21.9	26.8	29.5	31.5	33.2	34.7	36.1	37.3	38.4	39.4	40.3	41.2	42.1	43.0	43.9
GF 3000	1	11.7	22.0	26.9	29.6	31.6	33.3	34.8	36.2	37.4	38.5	39.5	40.4	41.3	42.2	43.1	44.0
GF 3500	1	11.8	22.1	27.0	29.7	31.7	33.4	34.9	36.3	37.5	38.6	39.6	40.5	41.4	42.3	43.2	44.1
GF 4000	1	11.9	22.2	27.1	29.8	31.8	33.5	35.0	36.4	37.6	38.7	39.7	40.6	41.5	42.4	43.3	44.2
GF 4500	1	12.0	22.3	27.2	29.9	31.9	33.6	35.1	36.5	37.7	38.8	39.8	40.7	41.6	42.5	43.4	44.3
GF 5000	1	12.1	22.4	27.3	30.0	32.0	33.7	35.2	36.6	37.8	38.9	39.9	40.8	41.7	42.6	43.5	44.4
GF 5500	1	12.2	22.5	27.4	30.1	32.1	33.8	35.3	36.7	37.9	39.0	40.0					

TOTAL NUMBER OF OBSERVATIONS: 934

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 146490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 100	GE 50	GE 80	GE 60	GE 40	GE 30	GE 20	GE 10	GE 8	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0	GE 0	GE 0
NO. CLIM	1 14.7	20.3	22.0	24.5	26.1	27.1	27.3	29.1	29.2	29.9	30.0	30.3	30.4	31.1	31.6	32.9	
GE 0000	1 14.7	24.1	26.1	29.1	31.5	32.7	32.8	34.8	34.9	35.7	35.8	36.0	36.4	37.2	37.7	39.1	
GE 1000	1 14.7	24.1	26.1	29.1	31.5	32.7	32.8	34.8	34.9	35.7	35.8	36.0	36.4	37.2	37.7	39.1	
GE 1600	1 14.7	24.1	26.1	29.1	31.5	32.7	32.8	34.8	34.9	35.7	35.8	36.0	36.4	37.2	37.7	39.1	
GE 1400	1 14.7	24.1	26.3	29.3	31.7	32.9	33.0	35.1	35.2	35.9	36.0	36.3	36.6	37.5	37.9	39.4	
GE 1200	1 14.7	25.7	27.6	30.9	33.5	34.7	35.1	37.1	37.2	37.9	38.1	38.3	38.7	39.5	40.0	41.4	
GE 1000	1 14.7	27.4	29.3	32.9	35.7	37.1	37.5	39.5	39.6	40.3	40.5	40.7	41.2	42.4	42.9	44.3	
GE 900	1 14.7	27.4	29.3	32.9	35.7	37.1	37.5	39.5	39.6	40.3	40.5	40.7	41.2	42.4	42.9	44.3	
GE 800	1 14.7	28.6	30.4	34.2	37.0	38.4	38.8	40.8	40.9	41.9	42.0	42.3	42.7	43.9	44.4	45.9	
GE 700	1 14.7	29.3	31.2	35.1	37.8	39.3	39.6	41.7	41.8	42.7	42.9	43.1	43.6	44.8	45.3	46.7	
GE 600	1 14.7	29.8	31.9	35.7	39.0	40.6	40.9	43.1	43.2	44.2	44.3	44.5	45.0	46.2	46.7	48.1	
GE 500	1 14.7	33.4	35.8	39.6	43.1	45.5	45.9	48.1	48.4	49.6	49.8	50.1	50.7	51.9	52.3	53.8	
GE 400	1 14.7	34.7	37.1	41.1	44.5	47.1	47.4	49.7	49.9	51.1	51.4	51.6	52.2	53.4	53.9	55.3	
GE 300	1 14.7	36.2	38.4	42.4	45.9	48.4	48.9	51.1	51.4	52.6	52.8	53.1	53.7	54.9	55.3	56.8	
GE 200	1 14.7	36.9	39.3	43.6	47.1	49.6	50.1	52.3	52.6	53.8	54.0	54.3	54.9	56.1	56.5	58.0	
GE 100	1 14.7	38.5	41.3	45.7	49.3	51.9	52.3	55.0	55.2	56.4	56.7	56.9	57.5	58.7	59.2	60.6	
GE 000	1 14.7	40.6	43.6	48.3	52.3	55.1	55.8	58.7	58.9	60.1	60.4	60.6	61.2	62.4	62.9	64.3	
GE 000	1 14.7	42.4	46.1	51.5	55.7	58.5	59.3	62.9	63.1	64.5	64.7	64.9	65.5	66.7	67.2	68.7	
GE 000	1 14.7	43.6	47.4	53.4	57.7	60.6	61.8	65.5	65.8	67.2	67.5	67.7	68.3	69.5	70.0	71.4	
GE 000	1 14.7	45.7	49.7	55.9	60.6	63.5	64.8	69.0	69.3	70.7	70.9	71.2	71.8	73.0	73.5	74.9	
GE 000	1 14.7	46.6	50.9	57.5	62.4	65.4	66.7	71.4	71.9	73.3	73.6	73.8	74.4	75.6	76.1	77.6	
GE 000	1 14.7	47.9	52.5	59.3	64.0	67.6	68.9	73.6	73.9	75.6	75.9	76.1	76.7	77.9	78.4	79.8	
GE 000	1 14.7	49.9	53.4	60.4	65.7	69.9	70.5	75.2	75.5	77.3	77.6	77.8	78.4	79.6	80.1	81.5	
GE 000	1 14.7	50.1	54.9	62.1	67.6	70.7	72.4	77.4	77.9	79.7	80.0	80.2	80.8	82.0	82.5	83.9	
GE 000	1 14.7	51.3	56.2	63.7	69.3	72.5	74.2	79.2	79.7	81.6	81.9	82.1	82.7	83.9	84.5	86.0	
GE 000	1 14.7	51.9	57.1	64.8	70.5	73.6	75.8	80.8	81.4	83.4	83.7	83.9	84.6	86.0	86.6	88.0	
GE 000	1 14.7	52.5	59.2	66.0	71.9	75.6	77.4	82.5	83.2	85.0	85.5	85.7	86.4	87.8	88.4	89.8	
GE 000	1 14.7	52.8	59.6	66.6	72.6	76.4	78.2	83.7	84.4	86.4	86.7	86.9	87.6	89.0	89.6	91.0	
GE 000	1 14.7	53.6	60.6	68.6	73.6	77.5	79.3	84.0	85.0	87.2	87.5	87.8	88.6	90.0	90.6	92.1	
GE 000	1 14.7	54.6	61.6	70.6	76.6	80.5	82.3	86.3	87.4	89.6	89.9	90.1	90.8	92.2	92.8	94.2	
GE 000	1 14.7	55.6	62.6	71.6	77.6	81.5	83.3	87.3	88.4	90.6	90.9	91.1	91.8	93.2	93.8	95.2	
GE 000	1 14.7	56.6	63.6	72.6	78.6	82.5	84.3	88.3	89.4	91.6	91.9	92.1	92.8	94.2	94.8	96.2	
GE 000	1 14.7	57.6	64.6	73.6	79.6	83.5	85.3	89.3	90.4	92.6	92.9	93.1	93.8	95.2	95.8	97.2	
GE 000	1 14.7	58.6	65.6	74.6	80.6	84.5	86.3	90.3	91.4	93.6	93.9	94.1	94.8	96.2	96.8	98.2	
GE 000	1 14.7	59.6	66.6	75.6	81.6	85.5	87.3	91.3	92.4	94.6	94.9	95.1	95.8	97.2	97.8	99.2	
GE 000	1 14.7	60.6	67.6	76.6	82.6	86.5	88.3	92.3	93.4	95.6	95.9	96.1	96.8	98.2	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 056490 STATION NAME: PRIZE ACRON RAF LM

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(IST): 1200-1400

CEILING FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 12	GE 14	GE 16	GE 18	GE 20	GE 25
NO CELL	11.7	14.6	15.0	15.7	16.5	16.5	16.6	16.8	16.9	16.9	17.2	17.0	17.0	17.0	17.0	17.0
GE 1000	22.7	22.0	22.3	30.3	31.1	31.1	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 1200	22.9	22.0	22.3	30.3	31.1	31.1	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 1400	22.9	22.0	22.3	30.3	31.1	31.1	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 1600	24.4	22.6	31.0	32.0	32.4	32.4	32.9	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3
GE 1800	26.7	22.9	34.5	35.5	36.2	36.3	36.4	36.7	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9
GE 2000	27.0	27.9	32.4	39.3	40.2	40.2	40.3	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8
GE 2200	27.1	27.3	32.9	40.9	41.9	41.9	42.0	42.2	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5
GE 2400	27.2	29.7	40.3	41.3	42.2	42.2	42.3	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
GE 2600	27.2	29.7	40.3	41.3	42.2	42.2	42.3	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
GE 2800	27.2	41.6	42.2	43.2	44.3	44.3	44.4	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 3000	27.2	45.5	46.1	47.3	48.5	48.5	48.6	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
GE 3200	27.2	47.7	48.2	49.2	50.2	51.5	51.5	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
GE 3400	27.2	49.9	51.8	52.7	54.0	54.0	54.4	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 3600	27.2	49.4	52.6	53.3	54.5	55.0	56.0	56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 3800	27.2	47.4	56.1	56.9	58.5	59.8	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	27.2	47.7	61.4	62.5	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3
GE 4200	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 4400	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 4600	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 4800	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 5000	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 5200	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 5400	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 5600	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 5800	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 6200	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 6400	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 6600	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 6800	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 7200	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 7400	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 7600	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 7800	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 8200	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 8400	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 8600	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 8800	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 9200	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 9400	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 9600	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 9800	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	27.2	47.7	62.6	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3

TOTAL NUMBER OF OBSERVATIONS: 829

GENERAL CLIMATOLOGY BRANCH
USAFITAC
AIRCRAFT SERVICE/FAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-66
MONTH: OCT HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO. OBS.	100	17.3	17.6	19.2	20.4	20.6	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	
GE 200	21.4	70.5	31.7	32.5	33.7	34.0	34.9	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	
GE 180	21.4	31.6	31.3	33.0	34.0	34.5	35.2	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 160	21.4	31.0	31.4	33.1	34.3	34.6	35.4	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
GE 140	21.4	32.4	32.9	34.6	35.4	35.5	36.0	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
GE 120	21.4	35.9	36.4	38.2	39.4	39.6	40.5	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
GE 100	21.4	40.2	41.0	42.8	44.0	44.2	45.2	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
GE 80	21.4	42.4	43.3	45.1	46.2	46.5	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	
GE 60	21.4	42.9	43.6	45.4	46.6	46.9	47.9	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
GE 40	21.4	43.0	43.9	45.7	46.9	47.1	48.1	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	
GE 20	21.4	44.6	45.0	47.0	48.4	48.6	50.7	50.5	50.7	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
GE 0	41.2	50.4	51.3	53.7	54.9	55.2	56.1	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	
GE 100	41.2	55.9	57.1	59.5	60.7	61.0	61.9	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	
GE 80	41.2	57.3	58.7	60.7	62.0	62.2	63.2	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 60	41.2	58.5	60.2	62.2	63.4	63.7	64.6	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
GE 40	41.2	62.7	64.7	66.9	68.1	68.3	69.3	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE 20	41.2	65.0	67.5	70.1	71.7	72.0	73.0	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE 0	41.2	71.4	73.4	76.3	78.7	79.0	80.0	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	
GE 100	73.7	72.3	75.2	78.2	80.6	81.1	82.0	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	
GE 80	73.7	75.5	77.8	81.0	83.4	84.0	85.1	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 60	73.7	77.5	81.2	85.3	88.1	88.6	90.1	90.8	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 40	73.7	81.1	83.1	87.1	90.1	91.1	92.5	93.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 20	73.7	82.7	83.6	87.7	91.3	92.4	94.0	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	
GE 0	73.7	85.0	85.9	89.6	93.3	94.3	95.9	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 100	85.9	85.3	85.9	89.9	93.5	94.6	96.3	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 80	85.9	88.3	88.5	92.1	95.7	96.8	98.3	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 60	85.9	90.4	90.5	93.1	96.7	97.8	99.5	97.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 40	85.9	92.4	92.5	95.4	99.0	99.4	99.7	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 20	85.9	94.1	94.2	97.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 0	85.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	95.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 80	95.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 60	95.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 40	95.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 20	95.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 0	95.9	95.9	95.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY FRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016490 STATION NAME: BRIZE NORTON PAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2000

CEILING IN FEET	1 100	VISIBILITY IN HUNDREDS OF METERS														
		GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	GE 250
NO CEIL	100.0	24.7	26.0	26.9	28.1	28.9	29.3	30.4	30.5	30.8	31.0	31.0	31.0	31.0	31.0	31.0
GE 100	24.1	33.8	35.4	36.9	38.6	39.4	40.0	41.1	41.2	41.4	41.7	41.7	41.8	41.8	41.8	41.9
GE 200	24.3	34.2	35.7	37.1	38.9	39.6	40.2	41.3	41.4	41.7	41.9	41.9	42.0	42.0	42.0	42.2
GE 300	24.7	34.7	36.2	37.6	39.8	40.6	41.2	42.3	41.4	41.7	41.9	41.9	42.0	42.0	42.0	42.2
GE 400	25.1	35.3	37.2	38.8	40.7	41.6	42.2	43.4	43.5	43.7	44.0	44.0	44.1	44.1	44.1	44.2
GE 500	24.6	37.8	39.8	41.3	43.2	44.1	44.7	45.9	46.1	46.3	46.6	46.6	46.7	46.7	46.7	46.8
GE 600	37.0	41.9	44.0	45.5	47.7	48.5	49.1	50.3	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.3
GE 700	31.9	43.2	45.5	47.2	49.3	50.2	50.8	52.0	52.2	52.5	52.7	52.7	52.9	52.8	52.8	52.9
GE 800	27.0	43.5	45.7	47.4	49.7	50.5	51.1	52.3	52.6	52.8	53.1	53.1	53.2	53.2	53.2	53.3
GE 900	25.2	44.0	46.2	48.3	50.3	51.1	51.7	52.9	53.2	53.4	53.7	53.7	53.9	53.8	53.8	53.9
GE 1000	33.2	45.7	48.0	49.9	52.2	53.1	53.7	54.9	55.1	55.3	55.6	55.6	55.7	55.7	55.7	55.8
GE 1200	20.2	47.6	52.1	54.1	56.4	57.4	58.0	59.2	59.5	59.8	60.0	60.0	60.1	60.1	60.1	60.2
GE 1400	28.9	52.2	54.6	56.6	58.9	60.0	60.6	61.8	62.2	62.4	62.6	62.6	62.8	62.8	62.8	62.9
GE 1600	33.8	54.1	57.2	59.3	61.6	62.6	63.2	64.4	64.9	65.0	65.3	65.3	65.4	65.4	65.4	65.5
GE 1800	40.6	55.4	58.6	60.6	62.9	64.0	64.7	65.9	66.2	66.5	66.7	66.7	66.8	66.8	66.8	66.9
GE 2000	42.8	58.8	61.9	64.8	67.1	68.3	69.0	70.2	70.5	70.6	71.1	71.1	71.3	71.3	71.3	71.4
GE 2500	43.8	61.3	64.4	67.3	69.7	70.9	71.6	72.8	73.2	73.4	73.8	73.8	73.9	73.9	73.9	74.0
GE 3000	45.5	64.6	68.0	71.3	74.4	75.7	76.4	77.6	78.0	78.2	78.6	78.6	78.7	78.7	78.7	78.8
GE 3500	45.0	65.4	69.5	72.6	76.3	77.6	78.3	79.5	80.0	80.2	80.6	80.6	80.7	80.7	80.7	80.8
GE 4000	46.5	66.9	71.7	74.4	78.6	80.1	81.1	82.4	82.9	83.2	83.6	83.6	83.7	83.7	83.7	83.8
GE 4500	46.1	69.2	73.3	77.7	82.5	84.1	85.0	86.3	86.9	87.3	87.7	87.7	87.9	87.8	87.8	87.9
GE 5000	45.7	71.3	75.3	80.0	85.1	87.2	88.3	89.6	90.3	90.7	91.0	91.0	91.1	91.1	91.1	91.3
GE 5500	43.7	71.7	75.5	80.5	85.9	87.9	89.0	90.4	91.1	91.5	91.9	91.9	92.0	92.0	92.0	92.1
GE 6000	43.0	72.9	77.1	81.9	87.5	89.6	90.7	92.1	92.9	93.3	93.7	93.7	93.8	93.8	93.8	93.9
GE 6500	43.4	72.7	77.1	83.0	89.0	91.0	92.2	93.8	94.9	95.2	95.6	95.6	95.7	95.7	95.7	95.8
GE 7000	43.7	74.6	79.0	84.2	90.3	92.3	93.5	95.1	96.2	96.5	96.9	96.9	97.0	97.0	97.0	97.1
GE 7500	43.7	75.0	79.4	84.6	90.7	92.7	93.9	95.6	96.6	97.1	97.5	97.5	97.6	97.6	97.6	97.7
GE 8000	43.7	75.1	79.8	84.9	91.4	93.4	94.6	96.4	97.7	98.2	98.6	98.6	98.7	98.7	98.7	98.8
GE 8500	43.7	75.1	79.8	85.0	91.6	93.7	94.9	96.6	98.0	98.4	98.9	98.9	98.9	98.9	98.9	99.0
GE 9000	43.7	75.1	79.8	85.0	91.6	93.7	95.0	97.0	98.3	98.8	99.2	99.2	99.3	99.3	99.3	99.4
GE 9500	43.7	75.1	79.8	85.0	91.6	93.7	95.0	97.0	98.4	98.9	99.3	99.3	99.4	99.4	99.4	99.9
GE 10000	43.7	75.1	79.8	85.0	91.6	93.7	95.0	97.0	98.4	98.9	99.3	99.3	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR STAFF SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZI MORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO CEIL	1.3	25.6	27.2	29.6	30.9	31.6	32.4	33.7	34.5	34.8	34.9	34.9	35.0	35.3	35.4	35.6	
GE 2000	29.5	33.7	36.0	36.7	40.7	41.4	42.2	43.5	44.6	44.9	45.7	45.0	45.1	45.5	45.6	46.0	
GE 1800	24.4	23.7	36.0	36.7	40.7	41.4	42.2	43.5	44.6	44.9	45.7	45.0	45.1	45.5	45.6	46.0	
GE 1600	25.6	33.7	36.0	36.7	40.7	41.4	42.2	43.5	44.6	44.9	45.7	45.0	45.1	45.5	45.6	46.0	
GE 1400	25.6	34.7	37.1	40.0	41.9	43.0	43.8	45.4	46.2	46.5	46.6	46.6	46.7	47.1	47.2	47.5	
GE 1200	25.6	35.6	39.5	41.6	43.6	44.6	45.5	47.1	47.9	48.1	48.3	48.3	48.4	48.7	48.9	49.2	
GE 1000	27.4	39.2	42.4	45.7	48.4	49.6	50.3	51.9	52.7	52.9	53.1	53.1	53.2	53.5	53.7	54.0	
GE 900	25.4	40.4	43.6	46.9	49.6	50.7	51.5	53.3	54.2	54.4	54.5	54.5	54.6	55.0	55.1	55.5	
GE 800	25.6	40.6	43.7	47.1	49.7	50.8	51.7	53.5	54.4	54.6	54.8	54.8	54.9	55.2	55.4	55.7	
GE 700	25.6	41.4	44.6	48.0	50.7	51.7	52.7	54.5	55.4	55.6	55.7	55.7	55.8	56.2	56.3	56.7	
GE 600	25.6	43.1	46.6	50.5	53.7	54.4	55.4	57.2	58.0	58.2	58.4	58.4	58.5	58.8	59.0	59.3	
GE 500	21.7	45.0	48.7	53.2	56.1	57.2	58.1	59.9	60.8	61.0	61.1	61.1	61.3	61.6	61.7	62.1	
GE 400	22.0	46.1	49.8	54.3	57.2	58.4	59.3	61.1	62.0	62.2	62.3	62.3	62.5	62.8	62.9	63.3	
GE 300	22.7	47.4	51.3	55.7	58.9	60.0	61.0	62.8	63.7	63.9	64.0	64.0	64.1	64.5	64.6	65.0	
GE 200	22.5	48.0	52.6	57.0	60.3	61.6	62.7	64.5	65.3	65.6	65.7	65.7	65.8	66.2	66.3	66.7	
GE 100	24.7	51.2	56.0	60.6	63.9	65.3	66.4	68.2	69.1	69.4	69.6	69.6	69.7	70.0	70.2	70.5	
GE 0	25.6	53.3	58.6	63.3	66.8	68.5	69.6	71.4	72.2	72.6	72.7	72.7	72.8	73.2	73.3	73.6	
GE 2000	27.4	56.7	62.3	67.1	70.5	72.6	74.2	75.9	76.4	77.3	77.5	77.5	77.6	78.0	78.1	78.5	
GE 1800	25.7	56.0	63.5	68.7	72.4	74.0	75.9	77.7	78.6	79.1	79.3	79.3	79.4	79.8	79.9	80.3	
GE 1600	27.0	59.0	64.9	69.6	74.0	76.3	77.5	79.4	80.3	80.7	81.0	81.0	81.1	81.5	81.6	81.9	
GE 1400	40.1	60.5	66.4	72.1	76.0	78.2	80.7	82.0	83.6	84.5	84.7	84.7	84.8	85.2	85.3	85.7	
GE 1200	41.4	62.2	68.2	74.1	79.2	81.8	83.4	85.4	86.3	87.1	87.5	87.5	87.6	88.0	88.1	88.4	
GE 1000	41.0	63.4	69.4	75.5	80.6	83.8	85.7	87.4	88.2	89.4	89.7	89.7	89.8	90.1	90.3	90.6	
GE 900	40.4	64.4	70.6	76.8	82.3	85.4	87.0	89.1	89.9	91.1	91.3	91.3	91.5	91.8	91.9	92.3	
GE 800	40.0	64.9	71.1	77.5	83.2	86.4	88.0	90.0	90.9	92.1	92.3	92.3	92.4	92.9	93.0	93.4	
GE 700	40.0	65.5	71.8	78.7	84.4	87.7	89.4	91.7	92.7	93.9	94.1	94.1	94.2	94.7	94.8	95.2	
GE 600	40.0	66.2	72.7	79.5	85.0	88.7	90.6	93.0	94.0	95.2	95.4	95.4	95.5	96.0	96.1	96.5	
GE 500	40.0	66.7	73.3	80.3	86.4	90.8	91.8	94.2	95.4	97.0	97.2	97.2	97.4	97.8	98.0	98.3	
GE 400	40.0	66.7	73.3	80.4	87.0	91.4	92.7	95.5	96.9	98.1	98.2	98.2	98.3	98.8	98.9	99.3	
GE 300	40.0	66.7	73.3	80.4	87.1	91.5	92.9	95.4	96.9	98.2	98.4	98.4	98.6	99.0	99.2	99.5	
GE 200	40.0	66.7	73.3	80.4	87.1	91.5	92.9	95.4	96.9	98.2	98.4	98.4	98.6	99.0	99.2	99.6	
GE 100	40.0	66.7	73.3	80.4	87.1	91.5	92.9	95.4	96.9	98.2	98.4	98.4	98.6	99.0	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86

MONTH: GCT HOURS (LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	100	GE 90	GE 80	GE 50	GE 40	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	19.7	19.7	20.9	22.6	23.4	24.4	24.6	25.7	26.0	26.3	26.5	26.6	26.7	26.9	27.1	27.7	
GE 100	21.1	23.6	30.1	32.3	34.0	34.7	35.3	36.3	36.6	37.0	37.1	37.3	37.5	37.7	37.9	38.5	
GE 180	21.1	23.7	30.2	32.5	34.1	34.9	35.4	36.5	36.9	37.1	37.3	37.4	37.6	37.9	38.0	38.7	
GE 200	21.0	23.7	30.3	32.5	34.0	34.9	35.4	36.5	36.9	37.2	37.3	37.5	37.7	37.9	38.1	38.7	
GE 240	21.9	24.7	31.3	33.6	35.3	36.0	36.6	37.7	38.0	38.3	38.5	38.6	38.8	39.1	39.2	39.9	
GE 280	22.4	21.9	32.6	36.0	37.8	38.6	39.2	40.3	40.6	41.0	41.1	41.2	41.4	41.7	41.9	42.5	
GE 320	25.4	25.4	37.2	39.8	41.7	42.6	43.1	44.3	44.7	45.0	45.2	45.3	45.5	45.8	46.0	46.7	
GE 360	26.6	26.6	38.4	41.1	43.1	43.9	44.5	45.7	46.1	46.5	46.6	46.7	47.0	47.3	47.5	48.1	
GE 400	26.6	26.6	39.7	41.4	43.4	44.2	44.8	46.1	46.4	46.8	47.0	47.1	47.3	47.7	47.9	48.5	
GE 440	27.0	27.0	39.2	42.0	44.0	44.8	45.4	46.7	47.0	47.4	47.6	47.7	47.9	48.3	48.5	49.1	
GE 480	27.4	27.4	38.5	40.6	43.4	45.6	46.5	47.1	48.4	48.7	49.1	49.3	49.4	49.6	50.0	50.8	
GE 520	27.7	41.6	43.9	47.0	49.3	50.4	51.0	52.4	52.8	53.3	53.4	53.6	53.9	54.2	54.4	55.1	
GE 560	27.7	42.7	46.0	49.1	51.5	52.7	53.3	54.7	55.1	55.6	55.7	55.9	56.2	56.5	56.7	57.4	
GE 600	27.7	45.5	48.0	51.2	53.7	54.6	55.5	56.9	57.4	57.8	58.0	58.2	58.5	58.8	59.0	59.7	
GE 640	27.7	46.7	49.3	52.6	55.1	56.3	57.0	58.4	58.9	59.4	59.5	59.7	60.0	60.3	60.5	61.2	
GE 680	27.7	49.0	51.5	55.5	58.0	59.3	60.1	61.6	62.1	62.6	62.9	62.9	63.2	63.6	63.8	64.5	
GE 720	28.4	51.7	54.6	58.5	61.5	62.9	63.7	65.4	65.9	66.4	66.6	66.7	67.0	67.4	67.6	68.3	
GE 760	28.4	55.2	58.6	62.3	66.2	67.7	68.7	70.6	71.2	71.7	72.0	72.1	72.4	72.8	73.0	73.7	
GE 800	28.4	56.5	60.0	64.5	68.0	69.6	70.7	72.7	73.3	73.9	74.1	74.3	74.6	75.0	75.2	75.9	
GE 840	28.4	55.5	62.2	67.0	70.8	72.5	73.8	75.9	76.6	77.2	77.4	77.6	77.9	78.3	78.5	79.2	
GE 880	28.4	60.8	64.8	70.2	74.5	76.4	77.7	80.0	80.8	81.5	81.7	81.9	82.2	82.6	82.8	83.5	
GE 920	40.3	62.2	66.6	72.2	76.8	78.6	80.2	82.6	83.3	84.1	84.3	84.4	84.7	85.2	85.4	86.1	
GE 960	42.7	63.1	67.4	73.2	78.0	80.2	81.7	84.1	84.8	85.7	85.9	86.1	86.4	86.8	87.0	87.7	
GE 1000	44.2	64.2	68.7	74.8	79.7	82.0	83.6	86.1	86.9	87.7	88.0	88.1	88.4	88.8	89.0	89.8	
GE 1040	44.4	64.9	69.6	75.9	80.9	83.3	85.0	87.5	88.5	89.3	89.6	89.7	90.0	90.5	90.7	91.4	
GE 1080	44.4	65.5	70.3	76.8	81.9	84.5	86.3	89.0	90.0	90.9	91.1	91.3	91.6	92.1	92.3	93.0	
GE 1120	44.4	66.0	70.8	77.4	82.8	85.5	87.3	90.0	91.3	92.2	92.5	92.6	93.0	93.4	93.7	94.4	
GE 1160	44.4	66.1	71.1	77.4	83.5	86.3	88.2	91.4	92.5	93.4	93.8	94.0	94.3	94.8	95.1	95.8	
GE 1200	44.4	66.2	71.1	78.0	83.7	86.5	88.6	91.9	93.1	94.0	94.4	94.6	95.0	95.6	95.8	96.5	
GE 1240	44.4	66.2	71.1	78.0	83.7	86.5	88.7	92.1	93.4	94.6	95.0	95.2	95.7	96.3	96.5	97.3	
GE 1280	44.4	66.2	71.1	78.0	83.7	86.5	88.7	92.1	93.5	94.7	95.2	95.4	95.9	96.6	96.9	98.0	
GE 1320	44.4	66.2	71.1	78.0	83.7	86.5	88.7	92.1	93.6	94.8	95.3	95.5	96.0	97.0	97.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6655

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0300-0500

MONTH: NOV HOURS(LST): 0300-0500

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VISIBILITY IN HUNDREDS OF METERS

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 254

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE KORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CLD	17.6	18.9	19.5	20.3	21.0	21.5	21.7	21.9	22.3	22.5	22.8	22.8	23.2	23.4	23.4	23.8
GE 1000	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 900	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 800	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 700	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 600	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 500	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 400	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 300	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 200	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 100	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 50	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 20	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 10	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 5	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 2	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8
GE 1	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.8	31.2	31.4	31.4	31.8	31.8

TOTAL NUMBER OF OBSERVATIONS: 754

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0900-1100

CEILING	VISIBILITY IN HUNDREDS OF METERS															
	IN FEET	GE 10	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200
NO CEILING	100	19.6	20.1	20.6	21.2	21.3	21.6	22.0	23.2	23.3	23.3	23.6	23.6	23.7	24.0	24.8
GE 100	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 120	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 140	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 160	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 180	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 200	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 220	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 240	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 260	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 280	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 300	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 320	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 340	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 360	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 380	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 400	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 420	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 440	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 460	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 480	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 500	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 520	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 540	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 560	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 580	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 600	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 620	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 640	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 660	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 680	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 700	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 720	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 740	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 760	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 780	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 800	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 820	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 840	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 860	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 880	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 900	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 920	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 940	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 960	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 980	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 1000	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5

TOTAL NUMBER OF OBSERVATIONS: 231

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 075450 STATION NAME: BRIZE WORTON RAF UK

PERIOD OF RECORD: 77-84

MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	GE 30	GE 40	GE 60	GE 80	GE 90	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	17.7	20.0	20.3	20.7	21.7	21.9	22.2	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.9
GE 100	29.4	29.3	29.5	30.4	31.4	32.0	32.3	32.6	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.5
GE 150	29.4	29.4	29.6	30.5	31.4	32.1	32.4	32.9	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.6
GE 200	29.4	29.4	29.6	30.5	31.9	32.1	32.4	32.9	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.6
GE 240	29.7	29.1	30.4	31.3	32.6	32.5	33.1	33.6	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.4
GE 280	29.7	31.1	31.6	32.6	34.0	34.2	34.5	35.0	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.7
GE 320	29.8	34.5	35.5	36.5	37.9	38.1	38.4	38.9	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.6
GE 360	29.8	36.1	37.1	38.4	39.7	40.0	40.2	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.5
GE 400	29.8	36.6	37.6	38.9	40.2	40.5	40.7	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	42.0
GE 440	29.8	36.7	37.7	39.0	40.3	40.6	40.8	41.3	41.7	41.8	41.8	41.8	41.8	41.8	41.8	42.1
GE 480	29.8	37.5	38.7	40.0	41.3	41.6	41.9	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 520	29.8	43.3	42.1	43.3	45.0	45.2	45.5	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.7
GE 560	29.8	43.2	45.0	46.2	47.5	47.1	48.3	49.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.6
GE 600	29.8	46.3	48.2	49.4	51.1	51.3	51.6	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.9
GE 640	29.8	48.6	50.4	51.7	53.4	53.7	54.0	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.4
GE 680	29.8	51.7	53.5	54.8	56.5	56.8	57.2	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.5
GE 720	29.8	55.3	57.2	58.4	60.4	60.6	61.3	61.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6
GE 760	29.8	57.5	60.1	62.0	63.6	63.0	64.5	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.4
GE 800	29.8	61.5	64.5	66.6	68.6	69.1	69.7	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.7
GE 840	29.8	65.1	68.1	70.1	72.2	72.7	73.5	74.6	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.5
GE 880	29.8	68.9	72.4	75.2	78.1	78.6	79.0	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.9
GE 920	29.8	72.1	74.6	78.3	81.4	82.3	83.6	84.9	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.8
GE 960	29.8	75.5	78.5	82.2	85.2	85.6	86.9	88.4	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 1000	29.8	78.1	80.6	84.6	87.7	88.1	89.4	91.7	91.7	91.5	91.5	91.5	91.5	91.5	91.5	91.7
GE 1040	29.8	81.7	84.5	88.7	91.8	92.2	93.5	95.8	95.8	95.7	95.7	95.7	95.7	95.7	95.7	95.9
GE 1080	29.8	85.3	88.1	92.4	95.5	95.9	97.2	99.5	99.5	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 1120	29.8	88.9	91.7	96.0	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1160	29.8	92.5	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	29.8	96.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1240	29.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1280	29.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1320	29.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1360	29.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	29.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(EST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN METERS	GE 01	GE 02	GE 03	GE 04	GE 05	GE 06	GE 07	GE 08	GE 09	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CELL	1 17.0	19.1	19.9	20.5	20.9	21.4	21.9	22.1	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 17.0	1 17.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 18.0	1 18.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 19.0	1 19.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 20.0	1 20.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 21.0	1 21.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 22.0	1 22.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 23.0	1 23.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 24.0	1 24.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 25.0	1 25.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 26.0	1 26.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 27.0	1 27.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 28.0	1 28.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 29.0	1 29.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 30.0	1 30.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 31.0	1 31.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 32.0	1 32.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 33.0	1 33.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 34.0	1 34.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 35.0	1 35.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 36.0	1 36.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 37.0	1 37.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 38.0	1 38.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 39.0	1 39.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 40.0	1 40.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 41.0	1 41.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 42.0	1 42.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 43.0	1 43.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 44.0	1 44.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 45.0	1 45.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 46.0	1 46.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 47.0	1 47.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 48.0	1 48.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 49.0	1 49.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 50.0	1 50.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 51.0	1 51.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 52.0	1 52.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 53.0	1 53.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 54.0	1 54.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 55.0	1 55.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 56.0	1 56.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 57.0	1 57.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 58.0	1 58.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 59.0	1 59.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 60.0	1 60.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 61.0	1 61.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 62.0	1 62.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 63.0	1 63.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 64.0	1 64.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 65.0	1 65.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 66.0	1 66.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 67.0	1 67.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 68.0	1 68.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 69.0	1 69.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 70.0	1 70.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 71.0	1 71.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 72.0	1 72.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 73.0	1 73.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 74.0	1 74.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 75.0	1 75.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 76.0	1 76.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 77.0	1 77.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 78.0	1 78.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 79.0	1 79.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 80.0	1 80.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 81.0	1 81.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 82.0	1 82.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 83.0	1 83.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 84.0	1 84.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 85.0	1 85.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 86.0	1 86.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 87.0	1 87.0	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.					

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAF/ITC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 07497 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS (LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS														
FEET	100	GE 90	GE 95	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99	GE 99
NO CEIL	1 100	23.0	24.8	26.4	27.1	27.4	27.9	28.5	28.9	29.0	29.7	29.0	29.0	29.1	29.1	29.3
GE 100	1 100	24.5	31.4	33.8	34.9	35.4	36.1	36.9	37.4	37.5	37.6	37.6	37.6	37.8	37.8	37.9
GE 100	1 100	24.9	31.6	34.1	35.3	35.6	36.5	37.3	37.9	37.9	39.0	39.0	39.0	38.1	38.1	38.3
GE 100	1 100	24.7	29.9	31.3	34.1	35.3	35.6	36.5	37.3	37.9	37.9	38.0	38.0	38.1	38.1	38.3
GE 100	1 100	24.4	29.1	32.0	34.4	35.9	36.0	36.9	37.5	38.0	38.1	38.3	38.3	38.4	38.4	38.5
GE 100	1 100	24.4	21.4	33.7	35.6	36.9	37.4	38.1	38.9	39.4	39.5	39.6	39.6	39.8	39.8	39.9
GE 100	1 100	24.4	22.6	34.5	37.0	38.7	38.8	39.5	40.3	40.8	40.9	41.0	41.0	41.1	41.1	41.3
GE 100	1 100	24.0	22.4	35.3	37.6	39.1	39.0	40.4	41.1	41.6	41.8	41.9	41.9	41.9	42.0	42.1
GE 100	1 100	24.0	22.4	35.3	37.6	39.1	39.0	40.4	41.1	41.6	41.8	41.9	41.9	41.9	42.0	42.1
GE 100	1 100	24.1	22.6	35.5	38.3	39.6	40.1	40.9	41.6	42.1	42.3	42.4	42.4	42.5	42.5	42.6
GE 100	1 100	24.7	25.6	37.5	40.3	41.6	42.1	42.9	43.6	44.5	44.6	44.9	44.8	44.9	44.9	45.0
GE 100	1 100	24.9	29.4	41.6	44.5	45.9	46.4	47.1	47.9	48.8	48.9	49.0	49.0	49.1	49.1	49.3
GE 100	1 100	24.9	41.0	43.4	46.3	47.6	48.1	48.9	49.6	50.5	50.6	50.8	50.8	50.9	50.9	51.0
GE 100	1 100	24.9	42.6	45.5	48.6	50.0	50.6	51.4	52.1	53.0	53.1	53.3	53.3	53.4	53.4	53.5
GE 100	1 100	24.9	44.6	47.3	50.5	52.1	52.9	53.6	54.4	55.3	55.4	55.5	55.5	55.6	55.6	55.8
GE 100	1 100	24.7	47.4	50.3	54.0	55.6	57.0	57.9	58.6	59.5	59.6	59.8	59.8	59.9	59.9	60.0
GE 100	1 100	37.6	50.4	53.5	57.4	59.3	61.4	62.4	63.3	63.4	67.5	63.5	63.5	63.6	63.6	63.8
GE 100	1 100	40.7	56.0	60.1	64.9	66.8	68.1	69.0	70.3	71.1	71.3	71.4	71.4	71.5	71.5	71.6
GE 100	1 100	40.7	57.5	61.6	66.5	68.5	69.9	70.9	72.1	73.0	73.1	73.3	73.3	73.4	73.4	73.5
GE 100	1 100	40.7	58.9	63.4	69.0	71.1	72.5	73.5	75.0	76.2	76.1	76.3	76.3	76.4	76.4	76.5
GE 100	1 100	44.4	62.0	66.6	72.3	75.5	77.1	78.4	80.0	80.9	81.4	81.5	81.5	81.6	81.6	81.8
GE 100	1 100	40.7	63.4	68.9	75.6	78.4	80.0	81.6	83.3	84.1	84.6	84.8	84.8	84.8	84.9	85.0
GE 100	1 100	40.8	63.9	69.7	76.0	78.6	80.4	82.0	83.9	84.8	85.3	85.4	85.4	85.5	85.5	85.6
GE 100	1 100	40.8	64.6	70.5	77.1	80.1	81.0	82.0	83.9	85.6	86.9	87.4	87.5	87.6	87.6	87.8
GE 100	1 100	40.8	65.5	71.3	78.5	81.5	82.5	83.5	85.6	87.5	88.9	89.6	89.8	89.8	89.9	90.0
GE 100	1 100	40.8	65.8	71.5	78.9	82.7	84.6	87.5	89.8	90.9	91.5	91.8	91.8	91.9	92.0	92.1
GE 100	1 100	40.8	67.6	71.6	79.0	82.4	85.0	87.9	90.1	91.3	92.3	92.4	92.4	92.5	92.6	92.8
GE 100	1 100	40.8	68.0	71.6	79.4	82.4	85.0	88.3	91.0	92.2	93.4	93.5	93.5	93.6	93.8	93.9
GE 100	1 100	40.8	68.0	71.6	79.6	83.1	85.6	88.6	92.1	93.9	95.6	95.8	96.0	96.1	96.3	96.4
GE 100	1 100	40.8	68.0	71.6	79.6	83.1	85.6	88.6	92.1	93.9	95.8	96.0	96.4	96.6	96.8	97.4
GE 100	1 100	70.1	71.6	74.6	87.1	88.8	89.6	92.1	94.7	95.9	96.3	96.6	97.1	97.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 400

GENERAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 076497 STATION NAME: BRIZI MORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(UT): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	100	GE 50	GE 80	GE 60	GE 40	GE 30	GE 20	GE 15	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	GE 2	GE 1	
NO. CEIL	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 100	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 50	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 80	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 60	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 40	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 30	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 20	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 15	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 12	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 10	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 8	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 5	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 4	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 3	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 2	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	
GE 1	1 34.9	23.4	25.5	26.5	27.7	26.7	29.1	30.6	31.1	31.2	31.3	31.3	31.3	31.5	31.5	31.6	

TOTAL NUMBER OF OBSERVATIONS: 809

GLOBAL CLIMATOLOGY BRANCH
USAF/CLM
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 020450 STATION NAME: BRIST NOTION RAF UK

PERIOD OF RECORD: 77-86

MONTH: NOV

HOURS(S):

ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 100	GE 50	GE 30	GE 50	GE 40	GE 40	GE 32	GE 34	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CELL	1 27.5	71.3	22.4	23.4	24.7	24.7	25.1	26.0	26.4	26.6	26.6	26.7	26.7	26.9	27.0	27.4	
GE 1 100	27.2	77.8	29.3	31.0	32.1	32.7	33.7	34.3	34.8	35.0	35.2	35.2	35.2	35.5	35.5	35.9	
GE 2 100	27.4	27.4	29.3	31.0	32.2	32.7	33.4	34.4	34.9	35.1	35.2	35.3	35.3	35.5	35.6	36.0	
GE 3 100	27.4	27.4	29.4	31.1	32.3	32.6	33.4	34.5	34.9	35.2	35.3	35.3	35.4	35.6	35.7	36.1	
GE 4 100	27.6	31.4	29.8	31.5	32.8	32.3	33.0	35.0	35.4	35.7	35.8	35.8	35.9	36.1	36.2	36.6	
GE 5 100	27.9	31.5	31.0	34.3	34.3	34.8	35.5	36.5	37.0	37.2	37.4	37.5	37.5	37.7	37.8	38.2	
GE 6 100	29.9	31.4	37.1	35.1	36.5	37.0	37.7	38.4	39.3	39.5	39.7	39.7	39.8	40.0	40.1	40.5	
GE 7 100	31.5	32.2	34.2	36.1	37.5	38.0	38.7	39.8	40.7	40.6	40.7	40.8	40.8	41.0	41.1	41.5	
GE 8 100	32.6	32.4	34.2	36.3	37.7	38.2	38.9	40.0	40.5	40.8	41.0	41.0	41.1	41.3	41.4	41.8	
GE 9 100	32.7	32.9	34.7	36.6	38.3	38.6	39.5	40.6	41.1	41.4	41.5	41.6	41.6	41.8	41.9	42.3	
GE 10 100	32.9	34.2	36.7	38.3	39.7	40.3	41.0	42.3	42.9	43.2	43.3	43.4	43.5	43.7	43.8	44.2	
GE 11 100	33.0	37.7	39.2	41.7	43.3	43.9	44.5	46.2	46.8	47.1	47.3	47.3	47.4	47.6	47.7	48.1	
GE 12 100	33.9	38.8	41.1	43.7	45.3	46.0	46.8	48.2	48.9	49.2	49.3	49.4	49.5	49.7	49.8	50.2	
GE 13 100	34.4	41.7	43.2	46.0	47.8	48.5	49.4	50.9	51.5	51.9	52.0	52.1	52.1	52.4	52.4	52.8	
GE 14 100	34.9	42.4	45.0	47.9	49.5	50.6	51.5	53.0	53.7	54.0	54.2	54.2	54.3	54.5	54.6	55.0	
GE 15 100	34.7	45.5	48.1	51.3	52.7	54.2	55.2	56.4	57.5	57.9	58.0	58.1	58.2	58.4	58.5	58.9	
GE 16 100	36.7	48.7	51.4	54.8	56.9	57.9	59.7	60.5	61.5	61.6	62.0	62.1	62.1	62.4	62.5	62.9	
GE 17 100	36.7	53.3	56.0	60.5	62.8	63.8	64.9	67.0	67.7	68.1	68.2	68.3	68.4	68.6	68.7	69.1	
GE 18 100	36.5	54.9	58.2	62.4	64.7	65.8	67.0	69.1	69.8	70.2	70.4	70.5	70.6	70.8	70.9	71.3	
GE 19 100	36.9	56.0	60.4	64.7	67.2	68.3	69.6	71.7	72.5	73.0	73.1	73.2	73.3	73.5	73.6	74.1	
GE 20 100	36.7	56.4	64.5	69.3	72.7	73.3	74.8	77.2	77.9	78.3	78.5	78.6	78.7	78.9	79.0	79.4	
GE 21 100	36.7	62.2	66.4	72.1	75.0	76.5	78.1	80.5	81.3	81.8	82.0	82.1	82.2	82.4	82.5	83.0	
GE 22 100	36.7	62.9	67.5	72.9	76.0	77.5	79.3	81.7	82.6	83.1	83.3	83.4	83.5	83.7	83.8	84.2	
GE 23 100	36.7	62.9	67.3	74.6	77.9	79.7	81.5	84.1	85.0	85.6	85.7	85.8	85.9	86.2	86.3	86.7	
GE 24 100	36.7	64.7	69.9	75.0	79.3	81.1	83.0	85.5	86.7	87.4	87.5	87.6	87.7	88.0	88.1	88.5	
GE 25 100	36.7	64.1	70.6	76.3	81.1	82.4	84.6	87.5	88.5	89.2	89.3	89.5	89.6	89.8	89.9	90.4	
GE 26 100	36.7	64.7	70.0	77.0	81.9	83.1	85.5	88.0	89.7	90.5	90.7	90.8	90.9	91.1	91.2	91.7	
GE 27 100	36.7	64.4	70.4	77.3	81.2	83.5	86.1	89.5	90.7	91.7	91.9	92.0	92.1	92.4	92.5	92.9	
GE 28 100	36.7	64.4	70.4	77.4	81.6	84.0	86.6	90.3	91.7	93.1	93.2	93.5	93.6	93.8	94.0	94.4	
GE 29 100	36.7	64.4	70.4	77.4	81.6	84.1	86.7	90.7	91.7	93.3	93.9	94.3	94.6	94.7	95.0	95.6	
GE 30 100	36.7	64.4	70.4	77.4	81.6	84.1	86.7	91.7	92.4	94.2	94.6	94.9	95.2	95.7	95.9	97.1	
GE 31 100	36.7	64.4	70.4	77.4	81.6	84.1	86.7	92.7	92.4	94.2	94.7	95.0	95.4	96.0	96.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6420

GLOBAL CLIMATOLOGY BRANCH
USAFETAF
410 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 380450 STATION NAME: PRIZE HEPION RAF LM

PERIOD OF RECORD: 77-66
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CLIC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 1	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 2	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 4	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 9	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 10	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 12	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 14	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 16	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 18	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 20	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 24	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 28	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 32	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 36	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 40	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 44	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 48	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 52	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 56	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 60	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 64	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 68	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 72	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 76	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 80	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 84	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 88	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 92	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 96	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
GE 100	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7

TOTAL NUMBER OF OBSERVATIONS: 926

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	FEET	GE 16	GE 20	GE 24	GE 28	GE 32	GE 36	GE 40	GE 44	GE 48	GE 52	GE 56	GE 60	GE 64	GE 68	GE 72	GE 76
NO CEILING	11.6	16.2	17.7	18.3	19.2	19.7	20.7	20.4	20.4	20.9	21.0	21.0	21.0	21.0	21.1	21.1	21.4
GE 1200	13.7	26.4	27.6	29.4	31.2	31.8	32.2	32.8	32.8	33.3	33.5	33.5	33.5	33.5	33.7	33.7	34.0
GE 1400	15.4	27.4	28.7	29.6	31.4	32.0	32.3	32.9	32.9	33.4	33.7	33.7	33.7	33.7	33.8	33.8	34.1
GE 1600	17.4	28.4	29.7	29.6	31.4	32.0	32.3	32.9	32.9	33.4	33.7	33.7	33.7	33.7	33.8	33.8	34.1
GE 1800	19.4	29.4	30.7	30.5	32.4	33.1	33.4	34.0	34.0	34.5	34.7	34.7	34.7	34.7	34.9	34.9	35.2
GE 2000	21.4	30.4	31.7	31.5	33.4	34.1	34.4	35.0	35.0	35.5	35.7	35.7	35.7	35.7	35.9	35.9	36.2
GE 2200	23.4	31.4	32.7	32.5	34.4	35.1	35.4	36.0	36.0	36.5	36.7	36.7	36.7	36.7	36.9	36.9	37.2
GE 2400	25.4	32.4	33.7	33.5	35.4	36.1	36.4	37.0	37.0	37.5	37.7	37.7	37.7	37.7	37.9	37.9	38.2
GE 2600	27.4	33.4	34.7	34.5	36.4	37.1	37.4	38.0	38.0	38.5	38.7	38.7	38.7	38.7	38.9	38.9	39.2
GE 2800	29.4	34.4	35.7	35.5	37.4	38.1	38.4	39.0	39.0	39.5	39.7	39.7	39.7	39.7	39.9	39.9	40.2
GE 3000	31.4	35.4	36.7	36.5	38.4	39.1	39.4	40.0	40.0	40.5	40.7	40.7	40.7	40.7	40.9	40.9	41.2
GE 3200	33.4	36.4	37.7	37.5	39.4	40.1	40.4	41.0	41.0	41.5	41.7	41.7	41.7	41.7	41.9	41.9	42.2
GE 3400	35.4	37.4	38.7	38.5	40.4	41.1	41.4	42.0	42.0	42.5	42.7	42.7	42.7	42.7	42.9	42.9	43.2
GE 3600	37.4	38.4	39.7	39.5	41.4	42.1	42.4	43.0	43.0	43.5	43.7	43.7	43.7	43.7	43.9	43.9	44.2
GE 3800	39.4	39.4	40.7	40.5	42.4	43.1	43.4	44.0	44.0	44.5	44.7	44.7	44.7	44.7	44.9	44.9	45.2
GE 4000	41.4	40.4	41.7	41.5	43.4	44.1	44.4	45.0	45.0	45.5	45.7	45.7	45.7	45.7	45.9	45.9	46.2
GE 4200	43.4	41.4	42.7	42.5	44.4	45.1	45.4	46.0	46.0	46.5	46.7	46.7	46.7	46.7	46.9	46.9	47.2
GE 4400	45.4	42.4	43.7	43.5	45.4	46.1	46.4	47.0	47.0	47.5	47.7	47.7	47.7	47.7	47.9	47.9	48.2
GE 4600	47.4	43.4	44.7	44.5	46.4	47.1	47.4	48.0	48.0	48.5	48.7	48.7	48.7	48.7	48.9	48.9	49.2
GE 4800	49.4	44.4	45.7	45.5	47.4	48.1	48.4	49.0	49.0	49.5	49.7	49.7	49.7	49.7	49.9	49.9	50.2
GE 5000	51.4	45.4	46.7	46.5	48.4	49.1	49.4	50.0	50.0	50.5	50.7	50.7	50.7	50.7	50.9	50.9	51.2
GE 5200	53.4	46.4	47.7	47.5	49.4	50.1	50.4	51.0	51.0	51.5	51.7	51.7	51.7	51.7	51.9	51.9	52.2
GE 5400	55.4	47.4	48.7	48.5	50.4	51.1	51.4	52.0	52.0	52.5	52.7	52.7	52.7	52.7	52.9	52.9	53.2
GE 5600	57.4	48.4	49.7	49.5	51.4	52.1	52.4	53.0	53.0	53.5	53.7	53.7	53.7	53.7	53.9	53.9	54.2
GE 5800	59.4	49.4	50.7	50.5	52.4	53.1	53.4	54.0	54.0	54.5	54.7	54.7	54.7	54.7	54.9	54.9	55.2
GE 6000	61.4	50.4	51.7	51.5	53.4	54.1	54.4	55.0	55.0	55.5	55.7	55.7	55.7	55.7	55.9	55.9	56.2
GE 6200	63.4	51.4	52.7	52.5	54.4	55.1	55.4	56.0	56.0	56.5	56.7	56.7	56.7	56.7	56.9	56.9	57.2
GE 6400	65.4	52.4	53.7	53.5	55.4	56.1	56.4	57.0	57.0	57.5	57.7	57.7	57.7	57.7	57.9	57.9	58.2
GE 6600	67.4	53.4	54.7	54.5	56.4	57.1	57.4	58.0	58.0	58.5	58.7	58.7	58.7	58.7	58.9	58.9	59.2
GE 6800	69.4	54.4	55.7	55.5	57.4	58.1	58.4	59.0	59.0	59.5	59.7	59.7	59.7	59.7	59.9	59.9	60.2
GE 7000	71.4	55.4	56.7	56.5	58.4	59.1	59.4	60.0	60.0	60.5	60.7	60.7	60.7	60.7	60.9	60.9	61.2
GE 7200	73.4	56.4	57.7	57.5	59.4	60.1	60.4	61.0	61.0	61.5	61.7	61.7	61.7	61.7	61.9	61.9	62.2
GE 7400	75.4	57.4	58.7	58.5	60.4	61.1	61.4	62.0	62.0	62.5	62.7	62.7	62.7	62.7	62.9	62.9	63.2
GE 7600	77.4	58.4	59.7	59.5	61.4	62.1	62.4	63.0	63.0	63.5	63.7	63.7	63.7	63.7	63.9	63.9	64.2
GE 7800	79.4	59.4	60.7	60.5	62.4	63.1	63.4	64.0	64.0	64.5	64.7	64.7	64.7	64.7	64.9	64.9	65.2
GE 8000	81.4	60.4	61.7	61.5	63.4	64.1	64.4	65.0	65.0	65.5	65.7	65.7	65.7	65.7	65.9	65.9	66.2
GE 8200	83.4	61.4	62.7	62.5	64.4	65.1	65.4	66.0	66.0	66.5	66.7	66.7	66.7	66.7	66.9	66.9	67.2
GE 8400	85.4	62.4	63.7	63.5	65.4	66.1	66.4	67.0	67.0	67.5	67.7	67.7	67.7	67.7	67.9	67.9	68.2
GE 8600	87.4	63.4	64.7	64.5	66.4	67.1	67.4	68.0	68.0	68.5	68.7	68.7	68.7	68.7	68.9	68.9	69.2
GE 8800	89.4	64.4	65.7	65.5	67.4	68.1	68.4	69.0	69.0	69.5	69.7	69.7	69.7	69.7	69.9	69.9	70.2
GE 9000	91.4	65.4	66.7	66.5	68.4	69.1	69.4	70.0	70.0	70.5	70.7	70.7	70.7	70.7	70.9	70.9	71.2
GE 9200	93.4	66.4	67.7	67.5	69.4	70.1	70.4	71.0	71.0	71.5	71.7	71.7	71.7	71.7	71.9	71.9	72.2
GE 9400	95.4	67.4	68.7	68.5	70.4	71.1	71.4	72.0	72.0	72.5	72.7	72.7	72.7	72.7	72.9	72.9	73.2
GE 9600	97.4	68.4	69.7	69.5	71.4	72.1	72.4	73.0	73.0	73.5	73.7	73.7	73.7	73.7	73.9	73.9	74.2
GE 9800	99.4	69.4	70.7	70.5	72.4	73.1	73.4	74.0	74.0	74.5	74.7	74.7	74.7	74.7	74.9	74.9	75.2
GE 10000	101.4	70.4	71.7	71.5	73.4	74.1	74.4	75.0	75.0	75.5	75.7	75.7	75.7	75.7	75.9	75.9	76.2
GE 10200	103.4	71.4	72.7	72.5	74.4	75.1	75.4	76.0	76.0	76.5	76.7	76.7	76.7	76.7	76.9	76.9	77.2
GE 10400	105.4	72.4	73.7	73.5	75.4	76.1	76.4	77.0	77.0	77.5	77.7	77.7	77.7	77.7	77.9	77.9	78.2
GE 10600	107.4	73.4	74.7	74.5	76.4	77.1	77.4	78.0	78.0	78.5	78.7	78.7	78.7	78.7	78.9	78.9	79.2
GE 10800	109.4	74.4	75.7	75.5	77.4	78.1	78.4	79.0	79.0	79.5	79.7	79.7	79.7	79.7	79.9	79.9	80.2
GE 11000	111.4	75.4	76.7	76.5	78.4	79.1	79.4	80.0	80.0	80.5	80.7	80.7	80.7	80.7	80.9	80.9	81.2
GE 11200	113.4	76.4	77.7	77.5	79.4	80.1	80.4	81.0	81.0	81.5	81.7	81.7	81.7	81.7	81.9	81.9	82.2
GE 11400	115.4	77.4	78.7	78.5	80.4	81.1	81.4	82.0	82.0	82.5	82.7	82.7	82.7	82.7	82.9	82.9	83.2
GE 11600	117.4	78.4	79.7	79.5	81.4	82.1	82.4	83.0	83.0	83.5	83.7	83.7	83.7	83.7	83.9	83.9	84.2
GE 11800	119.4	79.4	80.7	80.5	82.4	83.1	83.4	84.0	84.0	84.5	84.7	84.7	84.7	84.7	84.9	84.9	85.2
GE 12000	121.4	80.4	81.7	81.5	83.4	84.1	84.4	85.0	85.0	85.5	85.7	85.7	85.7	85.7	85.9	85.9	86.2
GE 12200	123.4	81.4	82.7	82.5	84.4	85.1	85.4	86.0	86.0	86.5	86.7	86.7	86.7	86.7	86.9	86.9	87.2
GE 12400	125.4	82.4	83.7	83.5	85.4	86.1	86.4	87.0	87.0	87.5	87.7	87.7	87.7	87.7	87.9	87.9	88.2
GE 12600	127.4	83.4	84.7	84.5	86.4	87.1	87.4	88.0	88.0	88.5	88.7	88.7	88.7	88.7	88.9	88.9	89.2
GE 12800	129.4	84.4	85.7	85.5	87.4	88.1	88.4	89.0	89.0	89.5	89.7	89.7	89.7	89.7	89.9	89.9	90.2
GE 13000	131.4	85.4	86.7	86.5	88.4	89.1	89.4	90.0	90.0	90.5	90.7	90.7	90.7	90.7	90.9	90.9	91.2
GE 13200	133.4	86.4	87.7	87.5	89.4	90.1	90.4	91.0	91.0	91.5	91.7	91.7	91.7	91.7	91.9	91.9	92.2
GE 13400	135.4	87.4	88.7	88.5	90.4	91.1	91.4	92.0	92.0	92.5	92.7	92.7	92.7	92.7	92.9	92.9	93.2
GE 13600	137.4	88.4	89.7	89.5	91.4	92.1	92.4	93.0	93.0	93.5	93.7	93.7	93.7	93.7	93.9	93.9	94.2
GE 13800	139.4	89.4	90.7	90.5	92.4	93.1	93.4	94.0	94.0	94.5	94.7	94.7	94.7	94.7	94.9	94.9	95.2
GE 14000	141.4	90.4	91.7	91.5	93.4	94.1	94.4	95.0	95.0	95.5	95.7	95.7	95.7	95.7	95.9	95.9	96.2
GE 14200	143.4	91.4	92.7	92.5	94.4	95.1	95.4	96.0	96.0	96.5	96.7	96.7	96.7	96.7	96.9	96.9	97.2
GE 14400	145.4	92.4	93.7	93.5	95.4	96.1	96.4	97.0	97.0	97.5	97.7	97.7	97.7	97.7	97.9	97.9	98.2
GE 14600	147.4	93.4	94.7	94.5	96.4	97.1	97.4	98.0	98.0	98.5	98.7	98.7	98.7	98.7	98.9	98.9	99.2
GE 14800	149.4	94.4	95.7	95.5	97.4	98.1	98.4	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.2
GE 15000	151.4	95.4	96.7	96.5	98.4	99.1	99.4	100.0	100.0	100.5	100.7	100.7	100.7	100.7	100.9	100.9	101.2
GE 15200	153.4	96.4	97.7	97.5	99.4	100.1	100.4	101.0	101.0	101.5	101.7	101.7	101.7	101.7	101.9	101.9	102.2
GE 15400	1																

TOTAL NUMBER OF OBSERVATIONS: 429

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM LOGS OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	IN METERS	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEILING	10.0	15.8	17.0	18.0	19.1	19.2	19.6	19.8	20.0	20.1	20.1	20.1	20.2	20.3	20.3	20.6
GE 20000	19.7	20.6	20.1	20.9	31.4	31.9	32.5	32.6	33.0	33.1	33.1	33.1	33.2	33.3	33.3	33.6
GE 18000	19.7	20.6	20.2	20.0	31.5	32.0	32.6	33.0	33.1	33.2	33.2	33.2	33.3	33.5	33.5	33.7
GE 16000	19.7	20.8	20.2	20.0	31.5	32.0	32.6	33.0	33.1	33.2	33.2	33.2	33.3	33.5	33.5	33.7
GE 14000	19.7	20.8	20.4	21.5	33.0	32.5	34.2	34.0	34.7	34.8	34.9	34.8	34.9	35.0	35.0	35.3
GE 12000	21.5	20.4	20.9	23.3	34.9	33.3	36.0	36.4	36.5	36.6	36.6	36.6	36.7	36.9	36.9	37.1
GE 10000	23.2	31.3	32.8	35.4	36.9	37.5	38.3	38.7	38.8	38.9	38.9	39.1	39.2	39.3	39.3	39.5
GE 9000	23.5	31.9	33.5	36.0	37.5	38.1	39.1	39.5	39.7	39.8	39.8	39.9	40.0	40.1	40.1	40.4
GE 8000	23.5	31.9	33.5	36.0	37.5	38.1	39.1	39.5	39.7	39.8	39.8	39.9	40.0	40.1	40.1	40.4
GE 7000	23.6	32.0	33.7	36.3	37.7	38.3	39.3	39.6	39.9	40.0	40.0	40.1	40.3	40.4	40.4	40.6
GE 6000	24.1	32.7	34.4	37.0	38.6	39.2	40.3	40.9	41.0	41.1	41.1	41.2	41.4	41.5	41.5	41.7
GE 5000	25.3	35.6	37.5	40.6	42.2	42.6	43.9	45.0	45.1	45.5	45.5	45.6	45.7	45.9	45.9	46.1
GE 4500	26.7	37.5	39.3	42.5	44.4	45.0	46.2	47.4	47.7	48.1	48.1	48.2	48.3	48.4	48.4	48.7
GE 4000	27.3	38.9	40.6	43.9	45.9	46.5	47.9	49.3	49.5	49.9	49.9	50.0	50.1	50.2	50.2	50.5
GE 3500	28.2	40.1	42.0	45.3	47.2	47.6	49.5	50.9	51.1	51.5	51.5	51.6	51.7	51.8	51.8	52.1
GE 3000	29.9	43.4	45.3	48.5	50.5	50.2	52.9	54.5	54.7	55.1	55.1	55.2	55.4	55.5	55.5	55.7
GE 2500	30.0	45.9	47.7	51.3	53.3	54.0	55.7	57.5	57.9	58.3	58.3	58.4	58.5	58.6	58.6	58.9
GE 2000	30.6	50.1	52.1	55.7	58.0	58.9	60.9	62.0	63.0	63.5	63.5	63.6	63.7	63.9	63.9	64.1
GE 1800	30.7	51.3	53.4	57.3	59.6	60.5	62.7	64.6	64.7	65.2	65.2	65.3	65.5	65.6	65.6	65.8
GE 1600	30.1	50.1	52.4	56.1	63.7	64.6	67.0	69.1	69.6	70.3	70.3	70.4	70.6	70.7	70.7	70.9
GE 1400	30.9	50.1	62.7	66.6	70.0	71.0	72.2	75.3	76.0	76.6	76.6	76.9	77.0	77.1	77.1	77.4
GE 1200	30.9	60.0	65.1	69.7	73.2	74.3	76.5	78.6	79.4	80.2	80.3	80.4	80.5	80.7	80.7	80.9
GE 1000	31.0	62.3	66.4	71.0	74.7	75.8	79.0	80.0	80.9	81.6	81.8	81.9	82.0	82.1	82.1	82.4
GE 900	30.1	60.1	64.7	68.1	73.0	74.5	76.8	81.0	83.1	83.9	84.7	84.8	84.9	85.0	85.2	85.4
GE 800	30.1	60.7	65.6	69.3	75.1	77.2	81.4	83.7	85.9	86.7	87.5	87.6	87.7	87.8	88.0	88.2
GE 700	30.2	60.8	65.9	70.2	76.2	81.1	82.5	86.0	88.3	89.2	89.9	90.0	90.1	90.3	90.4	90.6
GE 600	30.1	60.5	66.2	70.4	76.5	82.1	84.7	87.6	90.0	90.9	91.6	91.9	92.0	92.1	92.2	92.5
GE 500	30.1	60.5	66.2	70.4	76.5	82.1	84.7	87.6	90.0	90.9	91.6	91.9	92.0	92.1	92.2	92.5
GE 400	30.1	60.5	66.2	70.4	76.5	82.1	84.7	87.6	90.0	90.9	91.6	91.9	92.0	92.1	92.2	92.5
GE 300	30.1	60.5	66.2	70.4	76.5	82.1	84.7	87.6	90.0	90.9	91.6	91.9	92.0	92.1	92.2	92.5
GE 200	30.1	60.5	66.2	70.4	76.5	82.1	84.7	87.6	90.0	90.9	91.6	91.9	92.0	92.1	92.2	92.5
GE 100	30.1	60.5	66.2	70.4	76.5	82.1	84.7	87.6	90.0	90.9	91.6	91.9	92.0	92.1	92.2	92.5

TOTAL NUMBER OF OBSERVATIONS: 642

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 026490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CIL	18.4	19.4	20.6	21.6	22.8	23.0	23.4	25.1	25.5	25.6	25.0	26.0	26.1	26.3	26.5	27.2
GE 2000	14.7	24.0	25.7	27.0	28.4	28.9	29.8	31.6	32.0	32.4	32.7	32.7	32.8	32.9	33.1	33.9
GE 1800	13.7	24.1	25.9	27.1	28.6	29.0	29.9	31.7	32.2	32.5	32.9	32.8	32.9	33.0	33.3	34.0
GE 1600	13.7	24.5	26.3	27.6	29.0	29.5	30.4	32.2	32.7	33.0	33.3	33.3	33.4	33.5	33.7	34.5
GE 1400	14.7	24.9	26.7	28.1	29.5	30.0	30.8	32.7	33.1	33.7	34.0	34.0	34.1	34.2	34.5	35.2
GE 1200	14.5	25.8	27.6	29.3	30.7	31.2	32.0	33.9	34.7	34.9	35.2	35.2	35.3	35.4	35.7	36.4
GE 1000	12.8	27.5	29.5	31.2	32.8	33.2	34.2	36.1	36.6	37.2	37.5	37.5	37.6	37.7	38.0	38.7
GE 900	11.7	28.0	30.0	31.7	33.4	33.9	34.9	36.9	37.3	38.0	38.2	38.2	38.3	38.4	38.7	39.4
GE 800	11.2	28.3	30.2	32.2	34.0	34.5	35.5	37.5	38.0	38.6	38.6	38.8	38.8	38.9	39.0	40.0
GE 700	11.4	28.3	30.5	32.5	34.5	34.9	36.0	38.0	38.4	39.0	39.3	39.3	39.4	39.5	39.8	40.5
GE 600	10.7	29.4	31.8	33.9	36.1	36.4	37.5	40.2	40.5	41.1	41.3	41.3	41.4	41.6	41.8	42.5
GE 500	24.7	32.0	34.6	37.0	39.4	39.9	41.1	43.6	44.2	44.8	45.1	45.1	45.2	45.3	45.5	46.3
GE 400	24.7	32.3	35.9	38.3	41.0	41.4	42.9	45.7	46.4	47.0	47.2	47.2	47.3	47.5	47.7	48.4
GE 300	26.7	35.3	38.0	40.5	43.3	43.7	45.2	48.2	48.9	49.5	49.8	49.8	49.9	50.0	50.2	51.0
GE 200	27.8	37.0	39.6	42.2	45.1	45.5	47.0	50.0	50.8	51.4	51.7	51.7	51.8	51.9	52.2	52.9
GE 100	20.0	39.6	42.5	45.3	48.2	48.7	50.2	53.4	54.2	55.1	55.3	55.3	55.4	55.5	55.8	56.5
GE 0	31.4	42.5	45.5	48.4	51.4	51.9	53.6	56.7	57.6	58.4	59.7	58.7	58.9	58.9	59.2	59.9
GE 1000	34.7	45.0	49.4	52.5	55.5	56.1	59.0	61.3	62.2	63.0	63.3	63.3	63.4	63.5	63.7	64.5
GE 1000	34.7	46.9	50.4	53.0	57.2	57.0	59.8	63.1	64.0	64.8	65.1	65.1	65.2	65.3	65.5	66.3
GE 1000	35.9	48.0	51.7	55.4	59.5	60.4	62.0	65.7	66.5	67.3	67.6	67.6	67.7	67.8	68.1	68.8
GE 1000	37.6	52.5	56.6	61.2	65.3	66.3	68.3	71.9	72.9	73.7	74.0	74.0	74.1	74.2	74.5	75.2
GE 1000	34.5	44.9	50.4	54.1	57.5	58.8	61.9	65.5	66.7	67.6	67.8	67.8	68.0	68.1	68.3	69.2
GE 1000	37.5	50.5	56.3	60.3	64.0	64.3	67.5	70.5	70.5	70.5	70.7	70.7	70.8	71.0	71.2	72.0
GE 1000	40.1	57.8	62.7	68.4	73.7	74.5	77.1	81.0	82.4	83.4	83.6	83.7	83.7	83.9	84.1	84.9
GE 1000	40.1	58.0	62.5	69.2	74.5	74.3	78.4	82.5	84.2	85.0	85.4	85.4	85.5	85.7	85.9	86.7
GE 1000	40.5	59.3	64.5	70.5	75.9	77.7	79.9	84.3	85.8	86.7	87.0	87.0	87.1	87.2	87.5	88.3
GE 1000	40.7	59.9	65.1	71.2	76.4	78.9	81.2	85.9	87.6	88.9	89.2	89.2	89.3	89.4	89.6	90.5
GE 1000	40.7	60.8	65.5	71.8	77.0	79.9	82.5	87.6	89.5	91.1	91.3	91.3	91.6	91.7	91.9	92.8
GE 1000	40.7	61.0	65.7	72.2	78.3	80.5	83.7	89.4	91.4	93.0	93.3	93.3	93.5	93.6	93.9	94.7
GE 1000	40.7	60.0	65.7	72.2	78.3	80.5	83.7	89.4	92.0	94.0	94.5	94.5	94.7	94.9	95.2	96.0
GE 1000	40.7	60.0	65.7	72.2	78.3	80.5	83.7	89.9	92.3	94.6	95.1	95.2	95.4	95.7	95.9	97.2
GE 1000	40.7	60.0	65.7	72.2	78.3	80.5	83.7	89.9	92.4	94.8	95.3	95.4	95.7	95.9	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 006490 STATION NAME: BRIZE Norton RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1	GE 10	GE 20	GE 30	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 120	GE 140	GE 160	GE 180	GE 200	
NO CEIL	1	17.7	17.6	18.6	20.0	21.2	21.6	22.1	23.0	23.4	23.6	23.8	23.9	24.1	24.3	24.4	25.2
GE 100	1	17.8	23.9	25.2	27.0	28.4	29.1	29.7	30.7	31.1	31.4	31.6	31.7	31.9	32.2	32.3	33.1
GE 200	1	17.8	23.9	25.2	27.1	28.5	29.1	29.8	30.6	31.2	31.5	31.7	31.8	32.0	32.2	32.4	33.2
GE 300	1	17.8	24.0	25.3	27.1	28.6	29.2	29.9	30.9	31.3	31.6	31.8	31.9	32.1	32.3	32.4	33.2
GE 400	1	17.7	24.7	26.0	27.9	29.3	30.0	30.7	31.7	32.1	32.4	32.6	32.7	32.9	33.1	33.3	34.0
GE 500	1	17.8	25.4	26.9	28.6	30.0	30.9	31.6	32.6	33.0	33.3	33.5	33.6	33.9	34.1	34.2	35.0
GE 600	1	17.9	27.3	28.8	30.9	32.4	33.1	33.8	34.9	35.3	35.6	35.9	36.0	36.2	36.4	36.6	37.3
GE 700	1	17.9	28.2	29.8	31.9	33.5	34.1	34.9	36.0	36.4	36.8	37.0	37.1	37.3	37.6	37.7	38.5
GE 800	1	17.9	28.3	29.9	32.1	33.7	34.4	35.2	36.3	36.7	37.0	37.3	37.4	37.6	37.8	38.0	38.8
GE 900	1	17.9	28.6	30.2	32.5	34.2	34.9	35.6	36.7	37.2	37.5	37.7	37.8	38.1	38.3	38.4	39.2
GE 1000	1	17.9	29.8	31.5	33.7	35.5	36.3	37.1	38.3	38.7	39.1	39.3	39.4	39.6	39.9	40.0	40.8
GE 1200	1	17.9	30.6	32.7	35.1	37.0	37.8	38.6	40.7	42.0	42.6	42.9	43.2	43.3	43.5	43.8	44.7
GE 1400	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 1600	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 1800	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 2000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 2500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 3000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 3500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 4000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 4500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 5000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 5500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 6000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 6500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 7000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 7500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 8000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 8500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 9000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 9500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 10000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 10500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 11000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 11500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 12000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 12500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 13000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 13500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 14000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 14500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 15000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 15500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 16000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 16500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 17000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 17500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 18000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 18500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 19000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 19500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 20000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 20500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 21000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 21500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 22000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 22500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 23000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 23500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 24000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 24500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 25000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 25500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 26000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 26500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 27000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 27500	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1
GE 28000	1	17.9	30.7	33.0	35.6	37.6	38.4	39.2	41.3	42.6	43.1	43.4	43.7	43.9	44.1	44.3	45.1

GLOBAL CLOUDLOG TRACK
USAFITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 87040 STATION NAME: BRIDE MORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL FOURSELTJ: ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET	1-100	GE 100	GE 200	GE 300	GE 400	GE 500	GE 600	GE 700	GE 800	GE 900	GE 1000	GE 1200	GE 1400	GE 1600	GE 1800	GE 2000	GE 2500	GE 3000
GE 1-100	17.1	20.2	20.0	23.6	24.8	25.5	26.0	26.7	27.0	27.3	27.4	27.5	27.6	27.7	27.8	28.1		
GE 100-200	15.4	15.7	31.2	32.4	33.0	34.8	35.4	36.4	36.8	37.1	37.2	37.3	37.4	37.6	37.6	37.9		
GE 200-300	15.8	15.6	31.3	32.5	34.1	34.9	35.5	36.5	36.9	37.2	37.4	37.5	37.6	37.7	37.8	38.1		
GE 300-400	15.9	16.2	30.4	32.0	34.1	34.9	35.6	36.6	37.0	37.3	37.4	37.5	37.6	37.8	38.1			
GE 400-500	13.7	15.5	31.1	33.2	34.9	35.7	36.4	37.4	37.8	38.1	38.2	38.3	38.4	38.6	38.7	38.9		
GE 500-600	13.4	31.1	32.6	35.1	36.9	37.6	38.3	39.3	39.8	40.1	40.2	40.3	40.4	40.6	40.7	40.9		
GE 600-700	12.4	12.9	35.7	38.2	39.9	41.6	41.6	42.7	43.1	43.5	43.7	43.7	43.8	44.0	44.1	44.4		
GE 700-800	12.7	14.5	36.7	39.3	41.1	42.1	42.9	44.5	44.5	44.8	45.0	45.1	45.2	45.3	45.4	45.7		
GE 800-900	12.1	15.1	37.3	39.6	41.4	42.4	43.2	44.3	44.8	45.1	45.3	45.4	45.5	45.7	45.8	46.0		
GE 900-1000	11.8	15.5	37.5	40.1	41.9	42.9	43.7	44.9	45.7	45.7	45.9	46.0	46.1	46.2	46.3	46.6		
GE 1000-1200	12.4	17.3	39.4	42.0	44.1	45.2	46.0	47.2	47.7	48.1	48.3	48.4	48.5	48.7	48.8	49.0		
GE 1200-1400	12.7	41.4	43.7	46.0	49.1	50.2	51.1	52.5	54.1	53.5	53.7	53.8	53.9	54.1	54.2	54.5		
GE 1400-1600	11.5	44.1	46.5	49.7	51.9	53.2	54.1	55.6	56.2	56.6	56.8	56.9	57.0	57.2	57.3	57.6		
GE 1600-1800	11.1	45.4	48.9	52.3	54.7	55.9	57.3	58.4	59.1	59.5	59.7	59.8	59.9	60.1	60.2	60.5		
GE 1800-2000	11.1	47.8	50.4	53.9	56.3	57.6	59.6	60.1	60.4	61.2	61.4	61.5	61.6	61.8	61.9	62.2		
GE 2000-2500	11.7	50.5	53.2	56.9	59.4	61.5	61.8	63.4	64.1	64.5	64.7	64.8	65.0	65.1	65.2	65.5		
GE 2500-3000	11.7	55.4	56.3	60.1	62.4	64.2	65.3	67.0	67.7	68.1	68.3	68.4	68.6	68.8	68.8	69.1		
GE 3000-3500	11.7	57.1	60.2	64.5	67.4	68.9	70.2	72.0	72.0	72.7	73.2	73.4	73.6	73.8	73.9	74.2		
GE 3500-4000	11.7	58.4	61.7	66.1	69.1	70.7	72.0	73.8	74.5	75.0	75.2	75.3	75.5	75.7	75.7	76.0		
GE 4000-4500	11.7	61.5	63.9	68.6	71.7	73.4	74.7	76.5	77.4	77.9	78.2	78.3	78.4	78.6	79.7	79.0		
GE 4500-5000	11.7	63.3	67.1	72.1	75.6	77.4	78.9	80.9	81.7	82.2	82.5	82.6	82.7	82.9	83.0	83.3		
GE 5000-5500	11.7	64.3	69.4	74.2	77.9	79.0	81.4	83.6	84.4	85.0	85.2	85.3	85.5	85.6	85.7	86.0		
GE 5500-6000	11.7	65.5	69.5	75.1	79.2	81.9	82.5	84.7	85.6	86.2	86.4	86.5	86.7	86.9	86.9	87.3		
GE 6000-6500	11.7	66.3	71.7	76.5	80.4	82.0	84.3	86.7	87.5	88.2	88.4	88.5	88.7	88.9	88.9	89.3		
GE 6500-7000	11.7	66.5	71.4	77.4	81.6	83.8	85.6	88.1	89.0	89.7	89.9	90.0	90.2	90.4	90.5	90.8		
GE 7000-7500	11.7	67.4	72.0	78.2	82.7	85.1	87.0	89.7	90.7	91.4	91.6	91.8	91.9	92.1	92.2	92.5		
GE 7500-8000	11.7	67.6	72.4	78.5	83.5	86.0	88.1	91.9	91.9	92.7	93.7	93.1	93.3	93.5	93.6	93.9		
GE 8000-8500	11.7	67.7	72.6	79.2	84.7	86.7	88.9	92.1	93.0	94.1	94.4	94.5	94.7	94.9	95.0	95.3		
GE 8500-9000	11.7	67.7	72.7	79.3	84.8	87.1	89.4	92.5	94.1	95.1	95.5	95.6	95.9	96.0	96.1	96.4		
GE 9000-9500	11.7	67.7	72.7	79.3	84.8	87.2	89.5	93.3	94.3	95.4	96.4	96.6	96.9	97.1	97.2	97.5		
GE 9500-10000	11.7	67.7	72.7	79.3	84.8	87.2	89.5	93.3	94.3	95.4	96.4	96.6	96.9	97.1	97.2	97.5		
GE 10000-10000	11.7	67.7	72.7	79.3	84.8	87.2	89.5	93.3	94.3	95.4	96.4	96.6	96.9	97.1	97.2	97.5		

TOTAL NUMBER OF OBSERVATIONS: 72740

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAP
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 010490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 70-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (GMT)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
0-01	14.4	3.9		4.5	4.6	3.5	2.4		6.9	15.1	44.6	7.0	796
01-02	13.8	5.4		4.5	5.6	2.0	3.4		6.1	15.0	44.2	7.0	799
02-03	8.1	10.3		5.4	4.1	3.5	3.4		5.6	15.9	43.7	7.1	799
03-04	2.3	11.6		6.2	4.2	3.0	3.6		6.3	25.7	37.0	7.4	794
04-05	1.8	7.8		5.4	5.3	3.7	4.2		5.9	29.1	36.8	7.7	793
05-06	1.9	10.5		5.1	4.9	3.3	3.9		6.4	27.9	36.1	7.5	798
06-07	9.8	9.4		4.5	4.4	3.0	3.6		7.0	17.5	40.9	7.0	800
07-08	10.5	5.3		4.8	3.5	2.6	2.1		5.0	17.4	42.8	6.8	799
TOTALS	8.6	8.0		5.1	4.6	3.1	3.4		6.2	20.5	40.8	7.2	6378

STATION NUMBER: 010490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 70-85,87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (GMT)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
0-01	12.7	4.5		6.3	3.9	3.3	3.0		5.1	11.2	49.3	7.1	667
01-02	12.6	2.4		5.2	4.2	2.8	2.1		3.6	12.6	53.4	7.4	672
02-03	7.1	5.5		2.8	2.9	2.2	3.4		5.0	20.8	49.3	7.8	678
03-04	5.3	3.6		2.1	3.0	1.5	2.7		4.3	29.7	45.5	8.0	677
04-05	3.4	4.2		3.0	5.4	3.1	4.2		6.8	27.5	42.6	6.0	673
05-06	3.9	4.3		4.1	4.2	3.0	4.6		5.2	29.3	42.0	7.9	667
06-07	7.3	5.7		3.4	5.4	2.7	3.6		7.9	18.0	44.5	7.5	672
07-08	14.7	4.2		5.5	4.7	1.0	2.8		5.5	16.9	44.5	7.0	674
TOTALS	8.4	4.0		4.1	4.2	2.5	3.1		5.4	20.6	46.4	7.6	5380

GLOBAL CLIMATOLOGY BRANCH
USAF/ETL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 74-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
GROUPS (LIST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
7-12	14.8	6.6		6.1	4.9	2.3	2.7		5.6	14.2	42.7	6.7	738
13-15	11.1	5.6		5.7	5.6	2.2	4.5		4.3	12.9	48.2	7.2	738
16-18	3.6	8.6		3.9	2.2	2.4	3.9		6.1	23.2	45.8	7.8	740
19-21	2.6	6.5		3.1	3.2	3.2	4.5		6.8	29.9	40.3	8.0	740
22-24	.8	2.9		3.3	4.4	2.9	7.0		8.9	32.0	37.9	8.2	731
25-27	.7	3.4		4.5	5.0	3.9	5.4		9.2	31.5	36.5	8.1	740
28-30	3.7	10.7		5.4	3.4	2.8	5.3		6.6	26.9	35.2	7.3	739
31-33	12.0	9.3		5.9	5.0	3.2	3.6		6.1	16.6	38.4	6.7	743
TOTALS	6.2	6.6		4.7	4.2	2.9	4.6		6.7	23.4	40.6	7.5	5909

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 74-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
GROUPS (LIST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
7-12	16.4	6.5		6.5	6.0	4.7	4.9		8.8	14.1	22.7	6.2	718
13-15	12.7	8.4		4.7	3.9	3.9	5.3		8.2	19.7	33.2	6.6	717
16-18	5.3	11.7		5.6	3.6	2.4	2.9		6.0	32.3	30.3	7.1	719
19-21	2.1	7.5		5.4	4.5	2.4	5.2		8.6	39.7	24.5	7.6	717
22-24	2.3	4.2		3.4	3.4	4.4	6.9		11.3	40.0	24.2	7.8	710
25-27	2.2	4.3		4.7	4.2	5.6	5.7		10.9	40.6	21.8	7.7	717
28-30	2.9	8.2		5.4	6.6	4.0	6.1		9.3	37.8	19.8	7.2	722
31-33	12.1	9.0		3.4	5.5	4.6	5.8		6.9	17.8	28.1	6.2	713
TOTALS	7.0	7.6		5.6	4.7	3.7	5.4		8.8	30.3	26.8	7.1	5733

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 075450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	19.4	6.7		6.2	7.2	2.6	5.1		7.7	15.4	30.8	6.1	741
02-03	6.7	9.4		6.1	4.8	2.0	6.7		6.1	24.1	32.0	6.8	743
03-04	5.0	10.1		2.5	4.8	3.2	4.6		6.7	28.2	34.3	7.3	746
04-05	3.5	7.4		2.7	4.0	4.0	7.0		9.2	33.3	26.7	7.5	741
05-06	2.0	4.3		3.4	4.7	4.7	6.9		10.6	37.4	25.8	7.8	737
06-07	2.0	5.1		3.5	5.8	5.5	6.8		9.7	37.7	23.4	7.6	740
07-08	2.3	11.1		3.3	4.7	4.5	6.6		11.0	32.9	21.7	7.1	739
08-09	10.6	10.3		7.0	7.0	4.9	4.7		9.6	20.2	25.9	6.3	742
TOTALS	6.6	8.0		4.7	5.4	3.9	6.1		8.8	29.7	27.8	7.1	5929

STATION NUMBER: 075450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	12.0	6.8		5.0	7.2	3.4	4.8		8.2	15.9	31.9	6.4	706
02-03	2.9	8.0		7.2	5.3	3.1	6.5		6.3	33.5	26.2	7.3	712
03-04	2.7	9.5		6.4	2.7	3.1	3.3		9.3	37.5	25.5	7.4	706
04-05	1.7	6.3		2.6	4.2	3.5	6.0		10.1	44.6	20.8	7.8	713
05-06	.1	3.9		2.6	4.2	4.9	7.9		14.8	42.7	18.5	7.9	709
06-07		4.4		1.4	6.5	5.4	8.5		10.3	44.4	16.3	7.8	710
07-08	3.1	6.3		5.0	7.3	4.6	9.0		10.3	34.2	17.8	7.3	702
08-09	3.7	5.5		7.4	6.4	4.2	6.4		13.1	27.0	23.4	7.0	704
TOTALS	3.0	6.7		5.0	5.5	4.0	6.6		10.6	35.1	23.1	7.4	5662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
07-00	14.7	7.8		8.5	6.2	5.0	7.5		9.2	16.8	22.5	5.8	721
07-05	6.7	10.3		6.0	5.8	3.3	6.9		9.2	27.3	24.6	6.7	729
07-10	4.7	8.5		5.2	5.0	3.5	5.0		6.8	37.0	22.2	7.2	716
07-15	3.2	6.5		3.3	4.4	4.3	6.5		10.7	42.6	19.0	7.5	728
07-20	1.4	4.8		3.0	4.7	5.9	8.7		12.6	44.1	14.7	7.6	723
07-25	2.6	5.7		4.2	6.9	6.4	8.0		11.7	39.0	15.4	7.2	734
07-30	2.9	10.1		6.5	6.6	5.8	5.7		9.4	37.9	15.2	6.9	725
07-35	6.2	12.3		6.9	6.1	6.0	6.0		11.2	24.2	19.0	6.3	722
TOTALS	5.3	8.3		5.5	6.0	5.0	7.0		10.4	33.6	19.1	6.9	5798

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
07-00	17.8	6.4		7.8	6.6	4.0	5.0		7.0	19.4	26.0	6.0	799
07-05	13.5	8.4		4.6	4.6	2.6	6.1		8.4	21.4	30.3	6.5	821
07-10	4.5	11.0		4.0	4.8	3.2	4.2		9.6	31.1	24.8	7.1	806
07-15	2.7	5.7		5.0	4.8	3.2	6.5		13.4	38.0	19.3	7.4	818
07-20	1.6	6.4		4.0	5.4	5.4	6.0		11.7	38.1	18.8	7.4	818
07-25	2.5	7.4		4.4	6.2	4.9	9.0		11.4	26.2	17.4	7.2	810
07-30	3.1	10.0		7.3	6.5	4.2	6.0		9.8	33.0	16.8	6.7	803
07-35	11.4	17.0		6.2	7.5	4.6	5.4		7.3	21.3	22.8	6.0	808
TOTALS	7.1	8.2		5.5	6.1	4.1	6.0		9.8	30.1	22.0	6.6	6483

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 170490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-01	20.0	6.7		5.9	6.4	3.3	3.5		5.5	16.5	32.3	6.0	796
01-02	14.9	6.3		6.3	5.8	2.4	5.9		5.4	20.1	33.1	6.5	798
02-03	3.4	11.5		5.7	3.7	3.0	4.5		7.9	32.8	27.5	7.2	793
03-04	2.0	6.0		5.3	4.6	4.6	4.3		10.8	41.1	21.4	7.6	799
04-05	2.0	4.0		4.1	6.2	4.4	7.1		11.8	43.5	16.6	7.6	802
05-06	2.7	5.5		4.7	7.2	4.5	6.2		11.4	41.1	16.6	7.4	805
06-07	4.3	8.4		6.2	8.5	4.9	7.5		9.0	30.3	20.9	6.8	796
07-08	16.8	5.8		4.7	6.6	3.5	3.4		9.0	16.5	29.5	6.1	796
TOTALS	8.3	6.8		5.9	6.2	3.8	5.3		8.9	30.2	24.8	6.9	6385

STATION NUMBER: 070490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
0-2	15.6	5.7		5.5	5.5	3.4	5.0		5.9	16.8	36.6	6.6	835
2-5	14.6	3.6		5.6	6.2	2.0	5.4		6.7	18.2	36.9	6.8	833
5-8	2.5	8.4		5.0	4.6	3.2	5.4		9.0	27.7	34.3	7.5	835
8-11	1.2	8.5		3.5	5.2	4.3	3.6		8.2	35.3	30.2	7.7	831
11-14	.6	2.9		4.3	5.1	3.0	7.6		9.3	39.2	27.4	8.0	829
14-17	2.3	5.3		4.7	5.3	3.6	4.0		11.2	37.1	25.9	7.7	830
17-20	9.9	5.6		4.7	5.3	3.5	4.9		8.6	22.6	32.9	7.0	835
20-23	14.6	7.5		4.5	4.7	2.0	7.5		6.3	16.5	34.4	6.5	831
TOTAL	7.2	5.4		5.2	5.2	3.4	5.5		8.2	26.7	32.3	7.2	6659

GLOBAL CLIMATOLOGY BRANCH
USAFMETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
0-01	16.2	4.2		4.1	4.5	2.1	5.0		6.6	14.3	43.0	6.9	804
01-02	14.0	4.3		4.7	6.3	3.7	3.7		5.1	17.4	40.7	6.9	806
02-03	5.4	1.2		4.4	3.1	2.6	4.5		6.9	26.1	38.9	7.5	802
03-04	1.9	10.4		4.2	4.9	3.4	2.7		4.9	33.5	34.2	7.6	801
04-05	1.7	7.8		4.7	5.1	3.5	4.6		6.5	34.0	32.0	7.7	803
05-06	1.0	9.8		5.1	4.0	2.6	4.0		6.3	32.3	32.9	7.6	805
06-07	3.9	7.0		6.0	4.5	2.9	4.1		6.7	21.5	38.5	7.1	801
07-08	11.3	6.7		4.7	5.6	3.2	3.9		5.7	17.8	41.0	7.0	804
TOTALS	7.6	7.3		4.7	4.8	3.0	4.1		6.3	24.6	37.7	7.3	6426

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
0-01	13.4	5.7		5.5	4.2	2.9	2.6		5.1	12.5	48.1	7.0	831
01-02	11.8	4.5		4.1	4.3	2.1	3.5		4.6	16.8	48.4	7.4	829
02-03	6.3	7.1		4.3	3.7	3.0	2.7		6.3	19.9	46.7	7.6	829
03-04	2.6	5.0		3.7	3.1	2.7	3.6		5.1	31.2	40.1	7.9	830
04-05	1.3	7.0		5.8	3.9	2.5	4.2		6.2	33.5	35.0	7.8	829
05-06	2.7	6.4		5.3	4.3	1.7	3.8		8.9	29.1	37.7	7.8	822
06-07	7.5	7.2		4.7	4.5	2.2	3.4		7.5	16.5	44.9	7.4	830
07-08	12.7	5.0		5.3	5.3	2.9	3.2		6.7	16.5	43.8	7.2	832
TOTALS	6.6	7.0		4.7	4.2	2.4	3.6		6.3	22.0	43.1	7.5	6632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
MO	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
JAN	ALL	6.6	8.0		5.1	4.6	3.1	3.4		6.2	20.5	40.8	7.2
FEB		3.4	4.0		4.5	4.2	2.5	3.5		5.4	20.6	46.4	7.6
MAR		6.2	6.8		4.7	4.2	2.9	4.6		6.7	23.4	40.6	7.5
APR		7.0	7.5		5.8	4.7	3.9	5.4		8.8	30.3	26.8	7.1
MAY		6.6	8.0		4.7	5.4	3.9	6.1		6.8	28.7	27.8	7.1
JUN		3.0	6.7		5.0	5.5	4.0	6.6		10.6	35.1	23.1	7.4
JUL		5.3	8.3		5.5	6.0	5.0	7.0		10.4	33.6	19.1	6.9
AUG		7.1	8.3		5.9	6.1	4.1	6.6		9.8	30.1	22.0	6.8
SEP		9.3	6.8		5.9	6.2	3.8	5.3		8.9	30.2	24.8	6.9
OCT		7.2	6.4		5.2	5.2	3.4	5.5		8.2	26.7	32.3	7.2
NOV		7.6	7.3		4.7	4.8	3.0	4.1		6.3	24.6	37.7	7.3
DEC		6.6	7.0		4.9	4.2	2.5	3.6		6.3	22.0	43.1	7.5
TOTALS		6.8	7.1		5.2	5.1	3.5	5.1		6.0	27.2	32.0	7.2

TOTAL
OBS

6378

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STAND DEV-
IATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCAN-
NING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAF/ITAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
POOPLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 076450 STATION NAME: BRIZE NORTON RAF CM

PERIOD OF RECORD: 77-87

HOURS LST	STAT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-01	MEAN	36.5	36.0	39.6	41.9	46.6	52.8	56.9	56.6	53.6	48.5	43.5	40.0	46.1
	SD	7.592	7.258	5.591	5.410	4.983	4.800	4.538	4.512	4.971	6.571	7.901	8.266	9.492
	TOT OBS	796	667	734	716	741	706	721	799	796	835	874	831	9152
02-03	MEAN	36.5	36.6	39.5	40.5	45.2	51.4	55.0	55.1	52.5	47.7	43.0	39.9	45.2
	SD	7.860	7.402	6.001	5.686	5.193	4.820	4.634	4.689	5.327	6.691	8.178	8.325	9.317
	TOT OBS	799	672	736	717	743	712	724	821	797	832	895	829	9194
05-06	MEAN	36.1	35.3	39.2	42.1	48.3	54.7	58.3	56.9	53.3	47.8	42.9	39.8	46.2
	SD	7.911	7.347	6.144	5.526	4.982	4.537	4.375	4.420	5.147	6.650	8.412	8.295	10.002
	TOT OBS	799	678	740	719	746	706	716	806	793	834	802	829	9168
08-09	MEAN	37.7	37.6	43.4	48.2	54.0	60.1	64.6	63.2	59.4	52.2	45.3	41.1	50.6
	SD	7.481	6.894	5.394	5.671	5.907	5.311	5.533	4.704	4.521	5.874	7.936	7.956	11.189
	TOT OBS	794	677	740	717	741	713	728	818	799	831	801	829	9188
12-14	MEAN	40.0	41.0	46.7	51.9	57.5	63.6	68.6	67.1	63.4	56.0	48.3	43.8	54.1
	SD	6.900	6.631	5.202	6.456	7.053	6.046	6.760	5.703	5.200	5.264	7.195	7.154	11.558
	TOT OBS	793	673	730	710	737	709	723	818	802	829	803	828	9155
15-17	MEAN	40.1	41.3	46.7	52.6	57.9	64.1	69.8	67.6	63.5	55.4	47.3	43.0	54.1
	SD	6.921	6.572	5.162	6.633	7.320	6.276	7.131	5.966	5.284	5.338	7.106	7.067	11.959
	TOT OBS	798	667	740	717	740	710	734	811	805	820	805	822	9179
18-20	MEAN	36.1	33.6	43.6	48.9	55.1	61.3	66.5	64.3	59.4	51.8	44.8	41.2	51.1
	SD	7.308	6.619	4.937	6.097	6.610	5.986	6.623	5.529	4.891	5.398	7.448	7.553	11.516
	TOT OBS	799	671	739	722	739	702	725	812	796	835	801	830	9161
21-23	MEAN	37.3	37.0	41.0	44.4	49.9	56.0	60.5	59.3	55.6	49.4	43.9	40.4	47.9
	SD	7.481	6.953	5.075	5.411	5.439	4.955	5.348	4.674	4.627	5.985	7.646	7.951	10.075
	TOT OBS	798	674	742	712	742	704	722	806	796	831	804	832	9166
ALL	MEAN	37.9	37.8	42.4	46.3	51.8	58.0	62.0	61.3	57.6	51.1	44.9	41.1	49.4
	SD	7.553	7.001	6.224	7.354	7.571	7.078	7.745	6.857	6.511	6.745	7.959	7.957	11.192
	TOT OBS	7376	5379	5907	5723	5929	5662	5798	6483	6384	6657	6425	6630	73363

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

WEI-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 076493 STATION NAME: BRIST NORTON RAB OV

PERIOD OF RECORD: 77-87

MONTH	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1-1	MEAN	75.6	74.9	78.1	80.4	84.8	86.4	84.5	84.5	81.9	77.0	71.9	68.8	78.4
1-1	SD	7.223	6.786	5.564	5.214	4.965	4.743	4.332	4.403	4.997	6.362	7.695	7.875	9.124
1-1	TOT OBS	796	666	736	716	741	756	720	799	796	834	804	831	9149
2-1	MEAN	76.3	74.6	77.7	79.0	83.8	85.0	83.3	83.5	81.1	76.4	71.7	68.7	78.8
2-1	SD	7.429	7.154	5.910	5.458	5.111	4.779	4.603	4.583	5.266	6.479	7.966	7.934	9.054
2-1	TOT OBS	799	672	736	717	743	712	728	821	797	832	805	829	9193
3-1	MEAN	76.0	74.3	77.9	79.1	83.9	85.3	83.3	84.8	81.6	76.5	71.5	68.6	78.5
3-1	SD	7.520	7.110	6.020	5.162	4.705	4.401	4.072	4.215	5.053	6.436	8.152	7.923	9.450
3-1	TOT OBS	798	678	739	719	746	705	716	806	793	834	802	829	9165
4-1	MEAN	76.1	74.1	77.9	79.3	84.0	85.3	83.9	84.5	81.0	76.4	71.2	68.7	78.0
4-1	SD	7.384	6.657	5.204	4.752	4.739	4.619	4.289	3.744	4.134	5.434	7.785	7.592	9.545
4-1	TOT OBS	794	677	740	717	740	713	728	818	798	830	801	828	9184
5-1	MEAN	76.2	74.4	78.0	79.3	84.4	85.7	83.3	84.8	81.3	76.2	71.1	68.1	78.6
5-1	SD	6.446	6.229	4.939	4.946	5.136	4.816	4.422	3.949	4.265	4.851	7.087	6.867	9.164
5-1	TOT OBS	792	673	730	710	737	739	722	818	802	829	803	826	9153
6-1	MEAN	76.9	74.6	78.4	79.6	84.6	85.9	83.5	84.1	81.0	76.3	71.0	68.6	78.6
6-1	SD	6.535	6.202	4.880	4.998	5.267	4.862	4.289	3.949	4.329	4.917	7.061	6.829	9.295
6-1	TOT OBS	798	667	740	717	740	713	734	810	804	830	805	821	9176
7-1	MEAN	76.5	74.3	78.6	79.1	84.7	85.1	83.8	84.1	81.9	76.2	71.0	68.8	78.2
7-1	SD	6.974	6.462	4.777	4.900	5.284	4.717	4.333	3.939	4.499	5.300	7.284	7.302	9.602
7-1	TOT OBS	799	671	739	721	739	702	725	801	796	834	801	829	9157
8-1	MEAN	76.0	74.7	78.1	79.0	84.1	85.8	83.5	84.0	81.1	76.7	71.3	68.1	78.6
8-1	SD	7.197	6.752	5.239	4.982	5.161	4.667	4.256	4.198	4.750	5.653	7.477	7.581	9.326
8-1	TOT OBS	798	674	742	713	742	704	722	806	796	831	804	831	9165
9-1	MEAN	76.3	74.2	78.9	79.4	84.6	85.3	83.9	84.5	81.6	76.5	71.9	68.7	78.2
9-1	SD	7.145	6.876	5.667	5.613	5.613	5.174	4.862	4.587	5.079	6.313	7.669	7.566	9.490
9-1	TOT OBS	4374	578	5900	572	5928	5661	5795	6481	6382	6654	6425	6226	73342

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-01	MEAN	73.6	73.0	72.9	77.5	42.8	49.2	52.5	52.8	50.4	45.6	40.2	37.2	42.6
	SD	7.659	7.536	6.346	5.874	5.657	5.121	4.718	4.640	5.331	6.608	8.157	8.287	9.520
	TOT GDS	796	666	736	718	741	706	720	799	796	834	804	831	9149
01-02	MEAN	72.3	72.6	72.9	77.0	42.3	48.5	51.8	52.3	49.9	45.1	40.0	37.1	42.3
	SD	7.775	7.652	6.500	5.877	5.637	5.107	4.836	4.695	5.579	6.677	8.449	8.232	9.476
	TOT GDS	799	672	736	717	743	712	728	821	797	832	805	829	9193
02-03	MEAN	73.0	72.5	72.4	77.6	43.5	49.4	52.9	53.1	50.3	45.2	39.8	37.1	42.6
	SD	7.963	7.654	6.552	5.617	5.388	5.053	4.675	4.456	5.369	6.685	8.585	8.272	9.721
	TOT GDS	798	678	735	719	746	705	716	806	793	834	802	829	9165
03-04	MEAN	73.4	73.8	73.0	78.5	43.7	49.2	52.7	53.1	51.3	46.8	40.8	37.8	43.3
	SD	7.576	7.382	6.204	6.014	6.014	5.857	5.505	4.891	5.278	6.074	8.562	7.965	9.461
	TOT GDS	794	677	740	717	740	713	728	816	798	830	801	828	9184
04-05	MEAN	74.9	74.9	77.3	77.7	43.4	48.9	52.0	52.4	50.2	46.6	41.4	38.8	43.3
	SD	7.215	7.172	6.842	6.545	6.808	6.320	5.556	5.390	5.876	6.233	8.272	7.567	9.197
	TOT GDS	792	673	730	710	737	709	722	816	802	829	803	828	9153
05-06	MEAN	75.0	74.9	77.0	77.6	43.4	48.9	51.7	52.3	50.2	46.8	41.5	38.6	43.3
	SD	7.234	7.270	7.634	6.654	6.810	6.396	5.254	5.555	6.020	6.105	8.094	7.469	9.198
	TOT GDS	758	667	740	717	740	710	734	810	804	830	805	821	9176
06-07	MEAN	74.2	74.2	77.2	78.0	44.3	50.0	52.9	53.2	51.1	46.7	40.6	37.8	43.5
	SD	7.458	7.249	6.459	6.072	6.490	5.662	5.116	5.028	5.496	5.942	7.959	7.859	9.442
	TOT GDS	799	671	739	701	739	702	725	801	796	834	801	829	9157
07-08	MEAN	73.9	73.7	76.0	76.1	44.2	50.0	53.4	53.4	50.9	46.0	40.4	37.3	43.2
	SD	7.714	7.424	6.203	5.744	5.975	5.213	4.046	4.654	5.348	6.229	8.000	8.026	9.564
	TOT GDS	796	674	742	713	742	704	722	806	796	831	804	831	9165
08-09	MEAN	74.0	73.7	76.7	77.6	43.4	49.2	52.5	52.8	50.5	46.1	40.6	37.7	43.0
	SD	7.576	7.470	6.549	6.003	6.146	5.636	5.272	4.943	5.544	6.356	8.278	7.987	9.458
	TOT GDS	5374	5378	5906	5732	5928	5651	5795	6461	6392	6654	6425	6626	73342

CLIMATE CLIMATOLOGY BRANCH
USAF/CLC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076490 STATION NAME: BRICE MORTON AFB OK

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	DAYS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS	
JAN	0-31	100.0	100.0	100.0	100.0	100.0	99.4	97.7	83.9	47.6	88.3	796	
	0-10	100.0	100.0	100.0	100.0	100.0	99.7	96.4	66.1	46.7	88.4	795	
	11-20	100.0	100.0	100.0	100.0	100.0	99.6	96.1	85.0	49.4	88.5	798	
	21-31	100.0	100.0	100.0	100.0	99.9	99.2	92.6	75.4	47.1	86.1	794	
	1-19	100.0	100.0	100.0	99.9	99.1	92.6	79.5	54.9	26.9	80.9	792	
FEB	10-27	100.0	100.0	100.0	100.0	99.7	95.4	83.3	62.0	26.9	82.4	798	
	28-29	100.0	100.0	100.0	100.0	100.0	99.1	93.6	77.2	35.9	86.2	795	
	30-29	100.0	100.0	100.0	100.0	100.0	99.5	95.7	83.0	42.2	87.5	798	
	TOTALS	100.0	100.0	100.0	100.0	99.8	98.1	91.8	75.9	39.5	86.0	6374	

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAP
AID WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 070490 STATION NAME: BRIZL MORTON RAF UK

PERIOD OF RECORD: 7P-85,87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
FEB	0-10	100.0	100.0	100.0	100.0	100.0	99.4	98.8	89.0	48.2	89.1	666	
	11-20	100.0	100.0	100.0	100.0	100.0	100.0	98.5	91.7	52.1	89.7	672	
	21-30	100.0	100.0	100.0	100.0	100.0	99.7	98.1	89.4	57.7	89.8	674	
	31-40	100.0	100.0	100.0	100.0	100.0	99.1	93.9	78.1	39.3	86.5	677	
	41-50	100.0	100.0	100.0	99.7	99.3	94.2	73.3	50.1	20.2	79.3	673	
	51-60	100.0	100.0	100.0	99.7	98.7	92.9	73.9	49.3	17.7	78.9	667	
	61-70	100.0	100.0	100.0	100.0	99.9	99.3	91.8	71.2	29.7	84.6	671	
	71-80	100.0	100.0	100.0	100.0	100.0	99.9	97.9	83.8	41.1	87.7	674	
	TOTALS	100.0	100.0	100.0	99.9	99.7	98.1	90.0	75.7	38.3	85.7	5376	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-01	100.0	100.0	100.0	100.0	99.9	99.5	94.6	80.2	41.5	85.9	736
	02-03	100.0	100.0	100.0	100.0	100.0	99.9	96.3	85.0	50.9	88.7	736
	04-05	100.0	100.0	100.0	100.0	100.0	99.7	96.8	86.1	49.7	88.8	735
	06-07	100.0	100.0	100.0	100.0	98.8	93.6	77.7	54.9	22.4	80.7	740
	08-09	100.0	100.0	100.0	98.2	89.9	74.4	51.9	30.1	11.0	71.0	730
	10-11	100.0	100.0	99.7	97.3	89.7	69.3	50.0	29.3	11.9	70.3	740
	12-13	100.0	100.0	100.0	99.6	98.2	92.4	71.4	46.9	17.5	78.6	735
	14-15	100.0	100.0	100.0	100.0	100.0	99.2	92.0	70.6	28.6	84.4	742
	16-17	100.0	100.0	100.0	99.4	97.1	91.0	79.1	60.4	29.2	81.2	5906
	TOTALS	100.0	100.0	100.0	99.4	97.1	91.0	79.1	60.4	29.2	81.2	5906

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076450 STATION NAME: BRIZI MORION RAF UK

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUP OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-01	100.0	100.0	100.0	100.0	100.0	98.0	92.2	69.9	33.9	84.6	718
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	95.8	83.0	39.6	97.3	717
	06-08	100.0	100.0	100.0	100.0	99.7	98.3	93.5	67.7	29.8	84.4	716
	09-11	100.0	100.0	99.6	98.7	92.6	76.7	49.5	24.0	7.4	70.2	717
	12-14	100.0	99.6	99.0	91.7	71.3	46.9	24.6	12.0	0.4	60.0	710
	15-17	100.0	99.9	96.6	88.0	65.7	42.7	23.8	10.0	1.0	58.7	717
	18-20	100.0	100.0	100.0	97.6	88.2	70.9	49.2	23.7	3.7	68.9	721
	21-23	100.0	100.0	100.0	100.0	98.9	94.0	76.0	49.6	14.9	79.1	713
	TOTALS	100.0	99.9	99.7	97.1	89.6	78.5	62.7	42.5	16.2	74.2	5731

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 7P-87
MONTH: MAY

MONTH	HOLA (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-4	100.0	100.0	100.0	100.0	100.0	99.3	95.1	79.8	38.7	86.5	741
	5-9	100.0	100.0	100.0	100.0	100.0	99.9	98.7	87.3	51.8	89.2	743
	10-14	100.0	100.0	100.0	100.0	99.7	97.1	90.1	67.0	28.6	84.0	746
	15-19	100.0	100.0	99.9	97.7	89.1	71.2	50.0	25.8	9.3	69.7	740
	20-24	100.0	100.0	98.8	89.4	70.7	48.2	30.4	16.7	4.7	61.5	737
	25-29	100.0	100.0	98.5	88.5	68.1	47.6	28.6	15.8	4.3	60.8	740
	30-34	100.0	100.0	99.7	97.6	87.4	67.1	48.4	23.4	8.0	68.5	735
	35-39	100.0	100.0	100.0	100.0	99.5	96.0	84.0	55.9	19.3	81.0	742
	TOTALS	100.0	100.0	99.6	90.7	89.3	78.3	65.6	46.5	20.6	75.2	5926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JUN	00-01	100.0	100.0	100.0	100.0	100.0	99.6	98.4	83.6	37.7	87.5	706	
	02-03	100.0	100.0	100.0	100.0	100.0	100.0	99.6	89.9	49.7	89.5	712	
	04-05	100.0	100.0	100.0	100.0	99.9	98.3	89.8	59.7	22.3	82.8	705	
	06-07	100.0	100.0	100.0	99.7	93.8	71.9	46.8	17.1	3.9	69.3	713	
	08-09	100.0	99.9	99.7	97.1	74.5	42.6	27.5	7.6	1.8	59.9	705	
	10-11	100.0	100.0	99.4	94.5	71.0	40.1	23.6	8.6	2.0	59.1	711	
	12-13	100.0	100.0	99.9	98.1	91.0	89.4	39.7	17.5	5.4	67.6	702	
	14-15	100.0	100.0	100.0	100.0	99.6	98.7	85.9	50.6	13.1	80.6	704	
	TOTALS	100.0	100.0	99.9	98.9	91.2	77.5	61.9	41.8	17.0	74.4	5661	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076490 STATION NAME: BNIZF NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	DAYS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NLY OBS	
JUL	1-31	100.0	100.0	100.0	100.0	100.0	99.7	97.4	71.7	24.2	85.3	721	
	1-5	100.0	100.0	100.0	100.0	100.0	99.9	99.3	86.5	44.4	89.8	728	
	6-10	100.0	100.0	100.0	100.0	99.9	99.5	88.3	61.2	22.6	82.7	711	
	11-15	100.0	100.0	100.0	98.0	89.1	64.1	36.0	15.7	4.8	66.5	728	
	16-20	100.0	100.0	97.6	90.8	65.9	33.7	15.4	7.5	1.7	56.8	722	
	21-25	100.0	100.0	97.1	85.6	54.7	28.5	14.2	6.4	1.5	54.5	734	
	26-30	100.0	100.0	99.3	94.7	81.2	53.8	30.3	12.0	2.2	63.1	725	
	31-33	100.0	100.0	100.0	100.0	98.9	95.2	79.8	39.8	8.7	77.9	722	
	TOTALS	100.0	100.0	99.3	96.1	86.2	71.7	57.6	37.6	13.8	72.0	5791	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.7	81.2	31.0	86.9	795	
	02-04	100.0	100.0	100.0	100.0	100.0	100.0	99.5	92.4	53.2	90.1	821	
	04-06	100.0	100.0	100.0	100.0	100.0	99.9	96.7	79.3	36.5	87.0	806	
	06-08	100.0	100.0	100.0	99.7	93.9	76.0	49.6	24.6	6.4	70.6	814	
	08-10	100.0	100.0	99.8	94.9	74.0	43.4	23.6	11.5	4.5	60.9	810	
	10-12	100.0	100.0	99.3	92.6	67.9	39.6	23.0	12.1	5.8	59.6	810	
	12-14	100.0	100.0	99.9	94.3	89.4	68.0	45.9	23.5	7.9	63.8	801	
	14-16	100.0	100.0	100.0	100.0	99.6	97.5	86.6	52.0	14.7	81.1	806	
	TOTALS	100.0	100.0	99.9	94.2	90.5	78.0	65.4	47.1	20.0	75.6	6481	

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
 MONTH: SEP

MONTH	FOUR (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-07	100.0	100.0	100.0	100.0	100.0	100.0	99.5	87.1	42.6	88.6	796
	08-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.3	59.8	93.7	797
	16-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	84.7	53.0	89.4	793
	24-31	100.0	100.0	100.0	100.0	98.5	86.9	63.8	34.1	10.5	75.1	796
	01-14	100.0	100.0	99.9	98.1	81.5	52.7	29.7	12.1	2.9	63.4	802
	15-27	100.0	100.0	99.9	97.6	81.3	52.6	29.6	14.1	3.1	63.4	804
	28-31	100.0	100.0	100.0	99.7	97.7	88.9	66.0	30.8	8.7	74.9	796
	01-23	100.0	100.0	100.0	100.0	100.0	99.4	95.7	66.8	20.9	84.2	796
	TOTALS	100.0	100.0	100.0	99.4	94.9	85.0	72.9	52.6	25.2	78.7	6382

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 076490 STATION NAME: GRIZE HORTON RAF UK

PERIOD OF RECORD: 77-86
 MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
OCT	00-01	100.0	100.0	100.0	100.0	100.0	99.6	99.2	89.4	52.9	89.8	834
	02-05	100.0	100.0	100.0	100.0	100.0	99.9	99.3	92.7	57.9	90.8	832
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	91.7	57.8	90.9	834
	09-11	100.0	100.0	100.0	99.9	99.8	96.1	85.8	56.1	27.0	82.3	830
	12-14	100.0	100.0	99.8	99.5	96.3	78.3	54.2	26.2	8.8	71.7	829
	15-17	100.0	100.0	100.0	99.8	96.5	64.3	63.6	31.0	8.1	73.8	830
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	92.3	60.7	21.9	83.1	834
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	97.0	83.9	41.6	87.8	831
TOTALS		100.0	100.0	100.0	99.9	99.1	94.6	86.2	66.5	34.5	83.8	6654

GLOBAL CLIMATOLOGY BRANCH
ASAF/ATC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 070490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	01-07	100.0	100.0	100.0	100.0	100.0	99.9	97.4	85.7	43.8	88.3	804
	08-14	100.0	100.0	100.0	100.0	100.0	100.0	98.8	89.1	47.5	89.1	801
	15-21	100.0	100.0	100.0	100.0	100.0	99.8	97.8	87.3	48.0	89.0	802
	22-28	100.0	100.0	100.0	100.0	99.9	98.3	90.6	67.4	29.8	84.5	801
	29-30	100.0	100.0	100.0	100.0	99.0	91.3	69.4	40.7	16.1	77.5	803
	01-07	100.0	100.0	100.0	99.9	99.5	96.3	81.2	54.4	19.0	80.8	805
	08-14	100.0	100.0	100.0	100.0	100.0	99.5	94.8	75.0	31.8	85.9	801
	15-21	100.0	100.0	100.0	100.0	100.0	100.0	97.0	81.7	38.8	87.3	804
	TOTAL	100.0	100.0	100.0	100.0	99.8	98.1	90.9	72.7	34.2	85.3	6421

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 470490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
DEC	1-17	100.0	100.0	100.0	100.0	100.0	99.8	97.2	87.0	53.5	89.6	833	
	18-19	100.0	100.0	100.0	100.0	100.0	100.0	97.8	87.5	54.3	90.1	829	
	20-21	100.0	100.0	100.0	100.0	100.0	99.9	98.3	88.2	56.3	90.1	829	
	22-23	100.0	100.0	100.0	100.0	100.0	99.6	96.4	81.6	45.2	88.2	828	
	24-25	100.0	100.0	100.0	100.0	99.9	98.2	87.4	63.5	25.4	82.9	828	
	26-27	100.0	100.0	100.0	100.0	100.0	99.1	91.7	69.5	37.7	84.8	821	
	28-29	100.0	100.0	100.0	100.0	100.0	99.9	95.1	64.4	44.4	87.8	825	
	30-31	100.0	100.0	100.0	100.0	99.9	99.9	97.0	84.5	49.8	88.8	831	
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.5	95.1	80.4	45.0	87.8	6626	

GLOBAL CLIMATOLOGY BRANCH
USAFETC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 016490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JAN	ALL	100.0	100.0	100.0	100.0	99.8	98.1	91.8	75.9	39.5	86.0	6374	
FEB		100.0	100.0	100.0	99.9	99.7	98.1	93.8	75.3	38.3	85.7	5378	
MAR		100.0	100.0	100.0	99.4	97.1	91.0	79.1	60.4	29.2	81.2	5906	
APR		100.0	99.9	99.7	97.1	89.6	78.5	62.7	42.5	16.2	74.2	5732	
MAY		100.0	100.0	99.6	96.7	89.3	78.3	65.5	46.5	20.6	75.2	5928	
JUN		100.0	100.0	99.9	98.9	91.2	77.5	61.9	41.8	17.0	74.4	5661	
JUL		100.0	100.0	99.3	96.1	86.2	71.7	57.6	37.6	13.8	72.7	5795	
AUG		100.0	100.0	99.9	98.2	90.5	78.0	65.4	47.1	23.0	75.6	6481	
SEP		100.0	100.0	100.0	99.4	94.9	85.0	72.9	52.6	25.2	78.7	6382	
OCT		100.0	100.0	100.0	99.9	99.1	94.6	86.2	66.5	34.5	83.8	6654	
NOV		100.0	100.0	100.0	100.0	99.8	98.1	90.9	72.7	34.2	85.3	6425	
DEC		100.0	100.0	100.0	100.0	100.0	99.5	95.1	80.4	45.0	87.8	6626	
TOTAL		100.0	100.0	99.9	98.8	94.8	87.4	76.7	58.3	27.8	80.0	73342	

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAF/STAC
AIR ALATKEH SERVICE/MAC

SEA LEVEL PRESSURE IN HFS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 270690 STATION NAME: BRIZE LORTON RAF UK

PERIOD OF RECORD: 77-87

MO	STAT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1	MEAN	1014.7	1016.9	1011.3	1016.4	1013.5	1016.4	1018.1	1016.8	1016.7	1014.9	1015.2	1011.3	1015.1
1	SD	13.631	13.786	13.131	10.559	8.664	7.442	6.265	6.906	9.037	11.552	11.819	15.448	11.244
1	TOT OBS	260	220	245	237	244	235	241	260	260	276	266	277	3011
2	MEAN	1014.2	1016.8	1011.5	1016.7	1013.2	1016.7	1017.5	1016.3	1016.3	1014.3	1014.8	1011.2	1014.8
2	SD	13.691	13.893	13.172	10.456	8.746	7.647	6.670	7.035	9.192	11.468	11.739	15.210	11.243
2	TOT OBS	262	223	245	239	248	235	242	266	266	276	269	277	3048
3	MEAN	1013.8	1016.7	1010.7	1016.3	1013.3	1016.1	1017.7	1016.5	1016.3	1014.4	1014.7	1010.7	1014.7
3	SD	13.981	12.976	13.244	10.476	8.693	7.701	6.784	7.160	9.371	11.533	11.729	15.166	11.336
3	TOT OBS	273	226	244	239	248	237	232	262	265	279	268	277	3045
4	MEAN	1014.5	1017.3	1011.1	1016.6	1013.5	1016.3	1017.9	1016.8	1016.8	1015.1	1015.4	1011.4	1015.2
4	SD	14.173	12.975	13.302	10.530	8.964	7.649	6.681	7.125	9.410	11.496	11.763	15.272	11.331
4	TOT OBS	258	227	247	239	246	237	238	270	265	279	266	276	3050
5	MEAN	1014.4	1017.3	1011.2	1016.1	1013.1	1016.2	1017.3	1016.5	1016.5	1014.3	1015.1	1011.2	1014.9
5	SD	14.214	12.949	13.222	10.410	8.789	7.566	6.582	6.871	9.179	11.543	11.628	15.225	11.255
5	TOT OBS	260	223	244	234	245	235	237	267	264	279	268	275	3031
6	MEAN	1013.6	1016.4	1010.4	1015.6	1012.7	1015.7	1016.9	1015.9	1016.1	1014.1	1014.5	1010.7	1014.3
6	SD	14.174	12.921	13.003	10.276	8.684	7.383	6.326	6.875	8.769	11.377	11.704	15.071	11.114
6	TOT OBS	260	221	246	237	244	235	239	260	269	276	268	269	3024
7	MEAN	1014.3	1016.7	1010.0	1015.4	1012.6	1015.6	1016.5	1015.9	1016.0	1014.5	1015.0	1011.1	1014.5
7	SD	14.176	12.950	12.463	10.358	8.458	7.243	6.175	6.383	8.766	11.497	11.716	15.164	11.088
7	TOT OBS	261	223	244	241	247	234	240	258	260	279	265	278	3030
8	MEAN	1014.7	1016.8	1011.2	1016.4	1013.6	1016.4	1017.8	1016.7	1016.7	1015.7	1015.1	1011.1	1015.1
8	SD	13.517	12.455	13.034	10.473	8.558	7.289	6.105	6.485	8.969	11.511	12.123	15.510	11.206
8	TOT OBS	261	225	247	237	246	233	232	263	262	277	268	276	3030
9	MEAN	1014.2	1016.9	1010.9	1016.1	1013.2	1016.1	1017.4	1016.4	1016.4	1014.6	1015.0	1011.1	1014.8
9	SD	13.758	12.832	12.117	10.470	8.717	7.482	6.462	6.834	9.079	11.484	11.763	15.237	11.230
9	TOT OBS	265	228	246	253	246	241	242	266	266	272	268	276	24269

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 070490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65
MONTH: ALL

MONTH	TSMS	RAIN E/OF DRIZZLE	FOZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	ELOWING SNOW	DUST E/OF SAND	% OBS W/CBS1 TO VISION	TOTAL OBS
JAN	.5	60.0	1.5	20.1	1.5	68.9	56.7	83.3	.7		91.3	402
FEB		58.0	.5	21.8	1.1	69.2	56.4	86.9	.3		91.8	367
MAR	.5	54.8		12.9	2.0	62.3	53.6	91.6	.2		94.3	403
APR	1.1	60.3		2.2	1.7	60.8	35.3	83.1			85.0	360
MAY	5.4	58.9		.3	1.6	58.7	32.3	78.2		.3	80.9	372
JUN	6.7	56.7			.3	50.7	38.3	75.6			78.3	360
JUL	7.0	59.0			.3	59.0	28.6	70.9			74.4	371
AUG	5.2	67.2			.7	67.2	44.2	72.0			76.9	403
SEP	2.6	60.0			.3	60.0	51.3	76.9			81.3	390
OCT	1.1	60.5		.3	.5	60.5	65.1	85.5			89.5	372
NOV	1.7	70.6		3.9	1.1	71.7	64.7	91.9			91.4	360
DEC		68.5	.8	7.7		70.0	66.4	78.7	.3		91.3	390
TOTALS	2.6	61.2	.2	5.8	.9	63.5	49.4	80.4	.1	.0	85.5	4550

GENERAL CLIMATOLOGY BRANCH
USAFETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 07497 STATION NAME: BRITZ KORTON RAF UK

PERIOD OF RECORD: 51-65

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	# DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
																MEAN	GREATEST	LEAST
JAN	21.1	23.4	3.0	13.4	9.2	10.4	6.7	2.1	.2					45.0	402	1.96	4.16	.57
FEB	21.1	31.9	4.4	10.9	6.5	10.4	4.1	.5						36.6	367	1.29	3.16	.15
MAR	27.7	23.1	4.7	10.4	6.7	7.4	5.5	2.5						39.2	403	1.76	3.72	.08
APR	29.7	22.3	4.2	9.7	7.8	11.9	3.6	.6						37.8	360	1.41	2.69	.28
MAY	41.1	27.7	4.3	10.6	5.6	9.9	6.2	1.3						38.2	372	1.74	3.71	.60
JUN	43.7	21.7	3.1	14.8	6.7	5.6	5.0	3.1	.3					35.3	360	1.94	3.42	.11
JUL	41.7	17.4	4.6	10.7	5.4	9.2	7.0	1.1						39.9	371	1.88	3.67	.05
AUG	33.1	20.5	4.7	7.7	9.7	7.9	6.9	2.0	1.2					40.2	423	2.45	4.32	.35
SEP	40.1	23.1	4.4	3.2	5.9	10.5	5.1	2.6						36.7	390	1.83	3.70	.15
OCT	29.7	19.1	4.0	10.6	7.5	10.5	6.5	2.2						41.4	372	2.00	3.98	.83
NOV	28.7	21.4	7.2	11.6	7.8	12.8	8.0	3.1	.6					50.3	360	2.73	5.22	1.07
DEC	29.7	20.7	4.4	2.5	7.5	12.9	8.0	1.8	.3					44.2	389	2.28	4.50	.49
ANN	26.1	23.4	4.4	10.6	7.2	9.9	6.1	1.9	.2					40.4	4549	22.29		

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 07490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51								1.16	.53	.31	1.40	.36	
52	.25	.73	.56	.27	.77	.71	.11	.59	.25	.80	.47	.52	.80
53	.27	.39	.38	.37	.35	.33	.47	.74	.78	.59	.48	.21	.78
54	.40	.43	.73	.21	.34	.96	.49	.42	.29	.35	.62	.72	.56
55	.47	.50	.56	.21	.98	.85	.03	.30	.15				
56												*.55	
57	.55	.46	.39	.17	.28	.43	.46	.89	.55	.50	.95	1.19	1.19
58	1.01	.76	.11	.41	.43	.97	.69	.43	.41	.27	1.08	.44	1.08
59	1.00	.12	.45	.77	.27	.33	.41	1.04	.12	.72	.44	.67	1.04
60	.59	.93	.55	.24	.54	1.19	.73	.74	.73	.66	.66	.81	1.19
61	.67	.61	.04	.54	.39	.57	.48	1.64	.72	.55	.24	.85	1.64
62	.47	.15	.39	.44	.36	.63	.52	1.15	.81	.31	.24	.46	1.15
63	.61	.12	.43	.24	.37	.63	.43	.46	.41	.70	.86	.31	.86
64	.14	.17	.64	.34	.96	.66	*.13	.17	.29	.26	.52	.37	.96
65	.36	.37	.70										
MEAN	.405	.344	.505	.257	.503	.672	.437	.748	.464	.502	.663	.576	1.072
ST. DEV.	.760	.217	.252	.162	.256	.340	.709	.417	.241	.195	.349	.280	.268
TOTAL OBS	402	367	403	360	372	360	371	403	397	372	360	289	4549

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 004997 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51													
52	1.00	.26	2.17	1.11	2.33	1.46	.16	4.32	2.17	.83	5.22	1.32	21.22
53	.95	1.46	.68	1.65	1.20	1.64	2.35	2.77	1.82	1.68	1.15	.49	17.57
54	1.32	1.79	2.13	.20	1.86	3.42	1.83	2.55	1.60	2.19	4.72	1.27	24.97
55	2.21	1.52	1.22	.44	3.71	2.74	.35	.63	.59				
56												*1.25	
57	1.77	2.12	1.52	.91	1.08	1.32	3.38	3.00	3.11	1.64	1.69	3.00	24.47
58	2.42	3.16	.75	1.32	1.76	3.27	2.63	1.83	1.90	1.06	3.52	2.82	26.59
59	*4.16	.15	2.35	2.20	.60	1.23	1.59	1.90	.15	2.10	1.57	4.50	*22.56
60	3.23	1.59	1.00	.71	1.54	2.20	3.67	2.05	3.70	3.98	3.94	3.35	31.71
61	2.95	2.40	.08	2.85	.63	1.14	2.24	3.39	1.48	2.85	1.07	3.66	25.28
62	2.55	.93	1.26	2.07	1.81	.11	1.66	3.55	3.38	1.08	1.58	2.07	21.55
63	1.41	.57	3.72	2.04	1.79	2.70	1.20	2.25	1.81	2.02	4.64	.78	25.13
64	.57	.71	3.26	2.17	2.31	2.04	*.54	.35	.77	1.12	1.34	1.94	*17.15
65	2.05	.17	2.34										
66	1.764	1.287	1.762	1.405	1.743	1.629	1.861	2.450	1.928	1.998	2.734	2.182	24.277
67	.949	1.701	1.340	.874	.844	.975	1.117	1.130	1.752	.993	1.569	1.219	3.947
TOTAL 65 Y	122	767	403	767	372	767	371	407	797	372	360	389	4549

NOTE * BASED ON LESS THAN FULL MONTHS

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 070490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65

MONTH	NO. OF DAYS	TRACE	AMOUNTS IN INCHES											OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
			.1 TO .4	.5 TO .9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.4	5.5 TO 5.9			MEAN	GREATEST	LEAST
JAN	31	11	2.5	3.5	1.2	.5	.5	.2							8.5	402	3.1	12.7	TRACE
FEB	29	14	2.5	3.5	.8	.5		.3							7.1	367	2.1	9.9	.0
MAR	31	8	3.3	1.1	.7							.2			4.5	403	1.2	7.9	.0
APR	30	1	.6												.6	360	TRACE	.2	.0
MAY	31															372	TRACE	TRACE	.0
JUN	30															360	.0	.0	.0
JUL	31															373	.0	.0	.0
AUG	31															426	.0	.0	.0
SEP	30															390	.0	.0	.0
OCT	31															372	.0	.0	.0
NOV	30	1	.5	.7	.7										1.5	405	.4	3.7	.0
DEC	31	4	.6	.3	1.1			.4							2.4	361	1.6	6.8	.0
ANN	365	34	.8	.7	.3	.1	.1	.2	.7						2.1	4591	1.4		

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 07049; STATION NAME: PRIZE MORTON RPF UK

PERIOD OF RECORD: 51-65

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51								.0	.0	.0	.0	.0	
52	1.5	TRACE	1.6	TRACE	.7	.0	.0	.0	.0	.0	1.5	2.0	2.0
53	TRACE	1.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.9
54	1.9	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9
55	1.0	5.0	.4	.7	TRACE	.0	.0	.0	.0				
56							.0	.0			.0	.1	
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	.8	7.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0
59	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
60	3.5	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.5
61	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
62	.7	TRACE	.2	.7	.0	.0	.0	.0	.0	.0	.0	.7	4.1
63	4.6	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.6
64	.4	.5	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0		
65	.9	.2	7.6										
66	1.55	1.16	.89	.07	TRACE	.00	.00	.00	.00	.00	.20	1.10	2.76
67	1.408	1.662	2.061	.077	.000	.000	.000	.000	.000	.000	.480	1.658	1.458
TOTAL	402	367	407	360	772	360	373	426	390	372	405	361	4591

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035490 STATION NAME: BRIZE NOTON RAF UK

PERIOD OF RECORD: 51-65

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								.0	.7	.0	.0	.0	
52	1.9	TRACE	2.5	TRACE	.0	.0	.0	.0	.0	.0	3.7	3.0	11.1
53	TRACE	3.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.9
54	2.2	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3
55	9.7	9.9	.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	
56							.0	.0	.0	.0	.0	.0	
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	.0	4.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.4
59	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
60	5.7	6.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0
61	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
62	.7	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	1.0	6.8	6.7
63	1.7	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	15.9
64	1.4	.6	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	
65	2.3	.2	7.9										
MEAN	3.13	2.13	1.25	.03	TRACE	.00	.00	.00	.03	.00	.43	1.63	7.49
STDEV	4.797	3.115	2.351	.077	.000	.000	.000	.000	.000	.000	1.126	2.195	5.196
TOTAL OBS	402	367	403	360	372	360	373	426	390	372	405	361	4591

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 076490 STATION NAME: BRIZL NORTON RAF UK

PERIOD OF RECORD: 51-65

MONTH	AMOUNTS IN INCHES													OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONL	TRAC	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	120				MEAN	GREATEST	LEAST
JAN	79.9	4.7	3.5	2.5	.5	3.2	6.0	.2							15.9	403			
FEB	74.1	3.3	4.6	4.1	1.6	2.5									12.8	367			
MAR	55.4	4.7	.3	.3											.5	372			
APR	110.0															360			
MAY	110.0															372			
JUN	110.0															360			
JUL	110.0															373			
AUG	110.0															426			
SEP	110.0															410			
OCT	110.0															426			
NOV	58.5	.2	.7	.5											1.2	407			
DEC	54.1	1.7	2.0	.5	1.0	.2	.5								4.2	408			
ANN	56.1	1.1	.9	.7	.7	.5	.5	.0							2.9	4684			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 076490 STATION NAME: RPIZE NORTON RAF UK

PERIOD OF RECORD: 51-65

YEAR	DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51								0	0	0	0	0	
52	2	0	2	0	0	0	0	0	0	0	2	1	2
53	3	1	0	0	0	0	0	0	0	0	0	0	1
54		2	0	0	0	0	0	0	0	0	0	0	2
55	5	5	TRACE	0	0	0	0	0	0	0	*0	*0	5
56							*0	*0	*0	*0	*0	*3	
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	1	1	0	0	0	0	0	0	0	0	0	0	1
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
60	6	2	0	0	0	0	0	0	0	0	0	TRACE	6
61	1	0	0	0	0	0	0	0	0	0	0	4	4
62	4	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	7	7
63	15	4	TRACE	0	0	0	0	0	0	0	0	0	15
64	0	0	0	0	0	0	*0	0	0	0	0	0	0
65		0											
MEAN	2.7	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	1.0	3.8
S.D.	4.250	1.730	.577	.000	.000	.000	.000	.000	.000	.000	.577	2.216	4.614
TOTAL D.S.	402	367	372	360	372	760	773	426	410	426	407	408	4684

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 000490 STATION NAME: PRIZE MORTON RAF UK

PERIOD OF RECORD: 55-65

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
55													
56													
57													
58	WNW 41	N *29	E 27	NW 30	SSW 32	WSW 29	SW 38	NW 29	WSW 32	WNW 25	SW 20	S *26	WNW 41
59	SW 37	E 26	SSW 34	W *27		W *25	SW *29	SW *23	W *25	WNW 40	SW *39	W *41	
60	NW 39	SSW 35	E 28	SW 35	NE 22	WSW 29	SW 26	SSE 27	NW 28	E 35	WNW 42	SW 48	SW 48
61	SE 40	S 39	WSW 30	W 27	WSW 29	W 22	W 31	WSW 39	SSW 36	NW 33	NE 36	WSW 44	WSW 44
62	W 54	W 41	W 33	SSW 30	WSW 31	WSW 35	WSW 31	NW 34	S 40	S 31	N 31	WNW 50	W 54
63	NE 40	NE 25	S 39	NE 32	SSW 30	WSW 30	SSW 31	WSW 34	WSW 32	SW 30	W 45	ENE 30	W 45
64	W 26	ENE 26	NW 27	NNE 31	WSW 32	ENE 27	W 33	WNW 30	WSW 47	SW 40	W 40	WSW 45	WSW 45
65	W 62	WNW 39	SE 30										
MEAN	47.6	32.9	32.0	31.7	29.3	28.7	31.6	32.6	35.0	32.7	36.9	42.2	47.2
MAX	1,595	6,962	4,761	3,777	3,777	4,227	7,552	4,117	4,690	4,716	9,877	7,653	4,087
TOTAL	147	216	242	187	194	210	234	235	217	243	236	241	2698

NOTES * (BASED ON LESS THAN FULL MONTHS)
% (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 006440

STATION NAME: ERIE HORTON AFB OH

PERIOD OF RECORD: 51-65

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01 60					.3	.6	.5	1.5					.8
02 61					1.1	3.9	6.5	4.2	1.3				1.3
03 62					3.5	13.6	18.6	13.9	3.8	.3			4.5
04 63			.2	1.4	12.4	31.7	39.6	36.2	18.2	2.2			11.8
05 64			2.0	5.8	26.9	60.0	79.5	74.7	47.2	8.1			25.4
06 65		.5	4.2	20.2	54.6	91.4	98.1	98.8	86.2	31.2	.6	.3	40.5
07 66	1.5	3.5	22.6	54.4	84.1	98.6	100.0	100.0	97.9	69.6	15.0	4.1	54.0
08 67	16.6	23.9	51.6	86.1	98.4	100.0			100.0	94.4	55.0	15.4	70.5
09 68	75.0	47.1	71.2	96.7	100.0					100.0	83.3	53.2	82.1
10 69	82.0	77.8	89.8	99.7							95.6	72.8	90.7
11 70	85.6	90.9	98.5	100.0							99.7	91.3	97.0
12 71	86.8	92.2	100.0								100.0	99.5	99.6
13 72	89.5	100.0										99.7	99.9
14 73	100.0											100.0	100.0
MEAN	41.9	43.7	48.9	55.1	61.1	66.8	69.0	68.5	64.6	57.3	49.4	44.3	55.9
STD	6.795	6.787	7.007	5.676	6.717	6.366	5.831	5.491	5.420	5.132	5.077	6.671	11.504
TOTAL DAYS	473	367	403	340	372	360	371	402	390	372	360	349	4550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 076490

STATION NAME: BRIZE NORTON AFB OK

PERIOD OF RECORD: 51-65

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 50						.3							.C
GE 49						2.2	6.2	8.9	1.8				1.6
GE 48					3.2	16.4	78.0	76.0	12.6	3.5			9.2
GE 47	1.2	.5	1.5	1.9	19.9	55.6	81.4	76.2	44.9	21.0	3.6	.6	25.8
GE 46	5.5	5.2	10.2	16.9	50.6	86.1	98.1	95.6	80.3	49.2	20.0	11.3	44.4
GE 45	14.6	13.8	30.8	55.0	84.4	97.8	100.0	99.5	84.9	78.3	46.9	26.0	62.0
GE 44	17.5	43.3	60.3	86.7	97.6	100.0		100.0	100.0	92.2	70.6	52.4	78.1
GE 43	54.6	55.3	67.5	83.0	99.7					95.4	82.2	65.6	84.2
GE 42	72.5	75.5	80.1	98.9	100.0					98.4	92.8	78.9	91.2
GE 41	86.6	92.4	91.5	100.0						100.0	98.6	91.3	96.8
GE 40	94.0	98.1	99.5								100.0	96.7	99.0
GE 39	93.3	100.0	99.0									99.5	99.0
GE 38	99.0		100.0									100.0	99.9
GE 37	99.8												100.0
GE 36	100.0												100.0
MEAN	32.5	33.6	35.7	40.1	44.8	49.7	53.1	52.7	48.6	44.1	38.7	34.8	42.4
TOTAL	7.557	6.463	6.935	4.846	5.138	4.786	4.137	4.836	5.174	6.301	6.337	7.481	9.371
TOTAL OBS	403	367	403	300	372	363	371	403	390	372	360	389	4550

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 076490

STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 70							.5	.2					.1
GE 71					.3	2.5	5.4	4.0	.3				1.0
GE 72					3.0	11.4	21.6	20.1	5.4	.3			5.2
GE 73				.6	13.4	40.8	61.7	56.6	27.9	4.6			17.2
GE 74			.4	6.7	25.5	62.8	97.3	96.5	68.5	24.5	.8	.3	34.5
GE 75	3.2	3.5	14.1	36.1	75.3	97.2	100.0	100.0	94.9	61.3	18.3	7.5	50.8
GE 76	12.6	20.4	43.2	76.7	96.8	100.0			79.7	89.2	48.6	24.4	67.4
GE 77	39.2	47.7	66.7	96.4	100.0				100.0	98.9	83.1	54.2	81.8
GE 78	70.0	74.1	86.6	100.0						100.0	96.1	78.4	92.1
GE 79	97.8	94.0	98.5								99.2	92.6	97.6
GE 80	97.0	99.2	100.0								100.0	98.7	99.6
GE 81	99.3	100.0										99.7	99.9
GE 82	99.5											100.0	100.0
GE 83	100.0												100.0
MEAN	77.4	38.9	42.6	47.9	53.2	58.6	61.3	60.8	56.8	50.9	44.3	39.6	49.4
SD	6.818	6.211	6.215	4.630	5.294	4.838	4.376	4.453	4.504	5.068	5.201	6.723	10.065
TOTAL OBS	402	367	403	360	372	360	371	403	390	372	360	389	4550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 070990 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65

YEAR	WHOLE DEGREES FAHRENHEIT -P-O-N-T-F-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51								73	74	63	60	53	
52	53	53	58	74	82	82	83	76	71	63	58	53	88
53	55	59	67	65	85	81	76	69	74	67	57	56	89
54	54	54	60	61	78	72	71	76	82	66	58	61	82
55	53	53	57	65	68	75	86	87	73				
56												*55	
57	56	56	65	68	73	66	84	82	67	66	55	56	86
58	55	57	55	71	74	75	78	77	78	65	57	54	78
59	51	61	59	67	81	76	89	82	81	77	58	53	89
60	55	61	61	65	75	80	69	75	72	65	59	54	80
61	50	78	68	62	71	82	81	86	82	67	57	58	86
62	54	43	56	66	63	73	76	70	73	66	54	55	76
63	47	43	59	64	78	70	81	74	73	70	60	51	81
64	53	54	56	66	74	72	*79	90	77	66	57	56	90
65	54	49	71										
51-65	51.7	54.6	60.9	66.2	75.2	77.7	79.9	79.8	75.2	66.8	57.5	55.0	83.5
TOTAL OBS	4.43	4.857	5.171	3.589	6.162	4.539	6.610	6.610	4.562	3.720	1.784	2.463	4.720

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 076490 STATION NAME: BRIZE KORTON RAF UK

PERIOD OF RECORD: 51-65

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51								44	40	26	30	25	
52	17	26	26	31	39	43	46	45	36	30	22	16	16
53	23	23	20	33	36	40	46	44	42	32	32	31	20
54	18	17	26	31	35	44	43	45	37	27	25	26	17
55	17	18	22	30	34	39	46	45	39				
56												*28	
57	28	27	28	30	34	39	49	45	35	34	29	24	24
58	16	27	21	24	37	42	45	46	43	39	31	31	16
59	21	26	32	35	35	43	44	47	37	34	23	28	20
60	21	24	31	30	38	44	45	42	40	30	29	27	21
61	21	36	28	26	32	40	42	42	38	28	27	14	14
62	10	25	20	31	33	36	43	40	36	28	22	17	12
63	3	17	21	30	33	46	44	42	38	35	29	12	3
64	19	25	26	26	36	39	*44	37	35	25	27	15	15
65	23	22	13										
MEAN	15.8	23.5	24.3	31.6	35.2	41.3	44.8	43.4	38.2	30.7	27.2	22.2	16.3
1st	5.744	5.295	5.345	2.314	2.125	2.864	1.940	2.725	2.544	4.207	3.460	6.513	5.670
TOTAL OBS	477	367	403	367	372	760	371	403	390	372	360	389	4550

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

END

DATE
FILMED

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